

Form 3160-3  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

|                                                                                                                                                                                                                                                                 |                                                     |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------|
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER                                                                                                                                                                    |                                                     | 5. Lease Serial No.<br>NMNM092167                                    |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                                                                                                                                 |                                                     | 6. If Indian, Allottee or Tribe Name                                 |
| 1c. Type of Completion: <input type="checkbox"/> Hydraulic Fracturing <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone                                                                                                    |                                                     | 7. If Unit or CA Agreement, Name and No.                             |
| 2. Name of Operator<br>COG OPERATING LLC                                                                                                                                                                                                                        |                                                     | 8. Lease Name and Well No.<br>FLAMING SNAIL FEDERAL COM<br>521H      |
| 3a. Address<br>600 West Illinois Ave, Midland, TX 79701                                                                                                                                                                                                         | 3b. Phone No. (include area code)<br>(432) 683-7443 | 9. API Well No.<br>30-015-53648                                      |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *)<br>At surface NENW / 957 FNL / 1559 FWL / LAT 32.105603 / LONG -104.198469<br>At proposed prod. zone SESW / 50 FSL / 1570 FWL / LAT 32.064469 / LONG -104.198946 |                                                     | 10. Field and Pool, or Exploratory<br>Hay Hollow; Bone Spring, North |
| 11. Sec., T. R. M. or Blk. and Survey or Area<br>SEC 28/T25S/R27E/NMP                                                                                                                                                                                           |                                                     |                                                                      |
| 14. Distance in miles and direction from nearest town or post office*<br>10 miles                                                                                                                                                                               |                                                     | 12. County or Parish<br>EDDY                                         |
| 13. State<br>NM                                                                                                                                                                                                                                                 |                                                     |                                                                      |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)<br>100 feet                                                                                                                               | 16. No of acres in lease                            | 17. Spacing Unit dedicated to this well<br>1920.0                    |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.<br>580 feet                                                                                                                                          | 19. Proposed Depth<br>7980 feet / 23641 feet        | 20. BLM/BIA Bond No. in file<br>FED:                                 |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.)<br>3161 feet                                                                                                                                                                                                | 22. Approximate date work will start*<br>06/01/2024 | 23. Estimated duration<br>30 days                                    |
| 24. Attachments                                                                                                                                                                                                                                                 |                                                     |                                                                      |

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

- |                                                                                                                                                |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor.                                                                                               | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.                                                                                                                            | 5. Operator certification.                                                                      |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be requested by the BLM.            |

|                                                    |                                                          |                    |
|----------------------------------------------------|----------------------------------------------------------|--------------------|
| 25. Signature<br>(Electronic Submission)           | Name (Printed/Typed)<br>STAN WAGNER / Ph: (432) 683-7443 | Date<br>08/29/2022 |
| Title<br>Regulatory Advisor                        |                                                          |                    |
| Approved by (Signature)<br>(Electronic Submission) | Name (Printed/Typed)<br>CODY LAYTON / Ph: (575) 234-5959 | Date<br>03/16/2023 |
| Title<br>Assistant Field Manager Lands & Minerals  |                                                          |                    |
| Office<br>Carlsbad Field Office                    |                                                          |                    |

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)



Approval Date: 03/16/2023

## Additional Operator Remarks

### Location of Well

0. SHL: NENW / 957 FNL / 1559 FWL / TWSP: 25S / RANGE: 27E / SECTION: 28 / LAT: 32.105603 / LONG: -104.198469 ( TVD: 0 feet, MD: 0 feet )  
PPP: NENW / 1 FNL / 1570 FWL / TWSP: 26S / RANGE: 27E / SECTION: 4 / LAT: 32.079016 / LONG: -104.198777 ( TVD: 7965 feet, MD: 18384 feet )  
PPP: SENW / 1321 FNL / 1570 FWL / TWSP: 25S / RANGE: 27E / SECTION: 28 / LAT: 32.090008 / LONG: -104.198648 ( TVD: 7955 feet, MD: 14424 feet )  
PPP: NENW / 1 FNL / 1570 FWL / TWSP: 25S / RANGE: 27E / SECTION: 33 / LAT: 32.093673 / LONG: -104.198606 ( TVD: 7951 feet, MD: 13104 feet )  
PPP: NENW / 100 FNL / 1570 FWL / TWSP: 25S / RANGE: 27E / SECTION: 28 / LAT: 32.10796 / LONG: -104.198439 ( TVD: 7785 feet, MD: 7923 feet )  
BHL: SESW / 50 FSL / 1570 FWL / TWSP: 26S / RANGE: 27E / SECTION: 4 / LAT: 32.064469 / LONG: -104.198946 ( TVD: 7980 feet, MD: 23641 feet )

### BLM Point of Contact

Name: Gavin Mickwee  
Title: Land Law Examiner  
Phone: (575) 234-5972  
Email: gmickwee@blm.gov

CONFIDENTIAL

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                                    |                                                   |                                                    |
|------------------------------------|---------------------------------------------------|----------------------------------------------------|
| API Number<br><b>30-015- 53648</b> | Pool Code<br><b>30216</b>                         | Pool Name<br><b>Hay Hollow; Bone Spring, North</b> |
| Property Code<br><b>333880</b>     | Property Name<br><b>FLAMING SNAIL FEDERAL COM</b> | Well Number<br><b>521H</b>                         |
| OGRID No.<br><b>229137</b>         | Operator Name<br><b>COG OPERATING, LLC</b>        | Elevation<br><b>3161.5</b>                         |

**Surface Location**

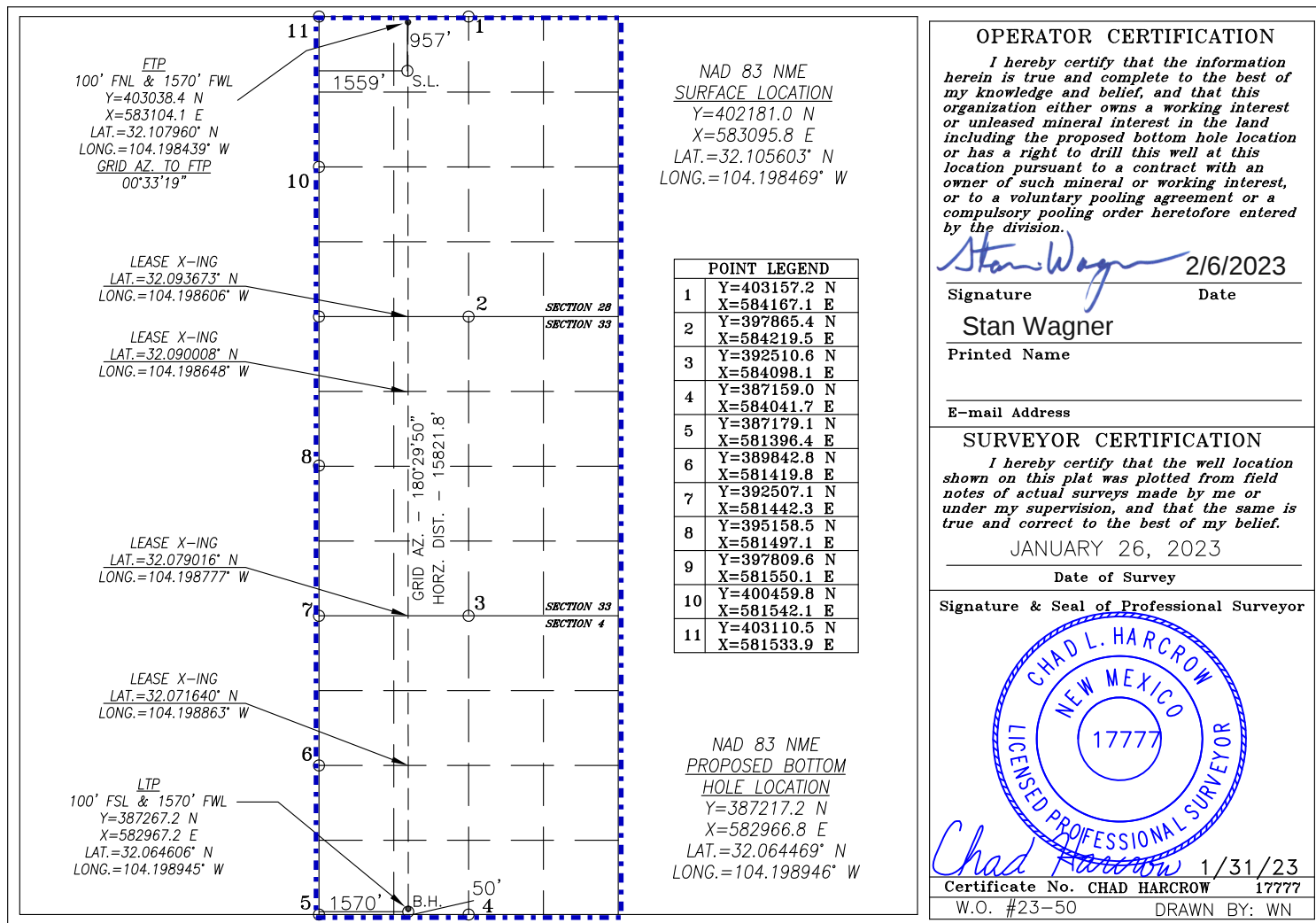
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 28      | 25-S     | 27-E  |         | 957           | NORTH            | 1559          | WEST           | EDDY   |

**Bottom Hole Location If Different From Surface**

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 4       | 26-S     | 27-E  |         | 50            | SOUTH            | 1570          | WEST           | EDDY   |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| <b>1920</b>     |                 | <b>Com</b>         |           |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



State of New Mexico  
Energy, Minerals and Natural Resources Department

Submit Electronically  
Via E-permitting

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

### Section 1 – Plan Description

Effective May 25, 2021

**I. Operator:** COG Production LLC

**OGRID:** 229137

**Date:** 08/22/2022

**II. Type:** ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name                  | API     | ULSTR        | Footages           | Anticipated Oil BBL/D | Anticipated Gas MCF/D | Anticipated Produced Water BBL/D |
|----------------------------|---------|--------------|--------------------|-----------------------|-----------------------|----------------------------------|
| Flaming Snail Fed Com 501H | 30-015  | A-28-25S-27E | 805 FNL & 975 FEL  | ± 1588                | ± 7149                | ± 2142                           |
| Flaming Snail Fed Com 502H | 30-015- | A-28-25S-27E | 805 FNL & 1035 FEL | ± 1588                | ± 7149                | ± 2142                           |
| Flaming Snail Fed Com 503H | 30-015- | C-28-25S-27E | 855 FNL & 1715 FWL | ± 1588                | ± 7149                | ± 2142                           |
| Flaming Snail Fed Com 504H | 30-015- | C-28-25S-27E | 855 FNL & 1655 FWL | ± 1588                | ± 7149                | ± 2142                           |
| Flaming Snail Fed Com 520H | 30-015- | A-28-25S-27E | 805 FNL & 1005 FEL | ± 1567                | ± 4376                | ± 1600                           |
| Flaming Snail Fed Com 521H | 30-015- | C-28-25S-27E | 855 FNL & 1685 FWL | ± 1567                | ± 4376                | ± 1600                           |

**IV. Central Delivery Point Name:** Flaming Snail Fed Com East CTB NWNE 28-25S-27E [See 19.15.27.9(D)(1) NMAC]

**V. Anticipated Schedule:** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name                          | API     | Spud Date | TD Reached Date     | Completion Commencement Date | Initial Flow Back Date | First Production Date |
|------------------------------------|---------|-----------|---------------------|------------------------------|------------------------|-----------------------|
| Flaming Snail Fed Com              | Pending | ± 4/01/23 | ± 25 days from spud | TBD                          | TBD                    | TBD                   |
| 501H, 502H, 503H, 504H, 520H, 521H |         |           |                     |                              |                        |                       |

**VI. Separation Equipment:** ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**VII. Operational Practices:** ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

**VIII. Best Management Practices:** ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

**Section 2 – Enhanced Plan**  
**EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

**IX. Anticipated Natural Gas Production:**

| Well | API | Anticipated Average Natural Gas Rate MCF/D | Anticipated Volume of Natural Gas for the First Year MCF |
|------|-----|--------------------------------------------|----------------------------------------------------------|
|      |     |                                            |                                                          |
|      |     |                                            |                                                          |

**X. Natural Gas Gathering System (NGGS):**

| Operator | System | ULSTR of Tie-in | Anticipated Gathering Start Date | Available Maximum Daily Capacity of System Segment Tie-in |
|----------|--------|-----------------|----------------------------------|-----------------------------------------------------------|
|          |        |                 |                                  |                                                           |
|          |        |                 |                                  |                                                           |

**XI. Map.** ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

**XII. Line Capacity.** The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:** ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

### **Section 3 - Certifications**

**Effective May 25, 2021**

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

***If Operator checks this box, Operator will select one of the following:***

**Well Shut-In.** ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

**Venting and Flaring Plan.** ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

### **Section 4 - Notices**

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

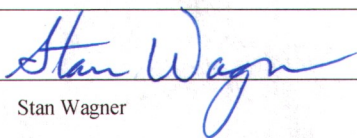
(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:



Printed Name: Stan Wagner

Title: Regulatory Advisor

E-mail Address: stan.s.wagner@conocophillips.com

Date: 08/22/2022

Phone: 432-253-9685

**OIL CONSERVATION DIVISION**  
**(Only applicable when submitted as a standalone form)**

Approved By:

Title:

Approval Date:

Conditions of Approval:

## VI. Separation Equipment

How Operator will size separation equipment to optimize gas capture:

All ConocoPhillips production facility equipment will be sized per industry standards (API 12J) with adequate retention time to effectively separate all phases of production. Each project will take into consideration the number of wells and type curves for each formation pool to ensure adequate facility capacity. Design considerations will also include review of all piping, tanks, VRU's and associated equipment to ensure optimized gas capture minimized risk of release.

## VII. Operational Practices

Actions Operator will take to comply with the requirements below:

### B. Drilling Operations

- During drilling, flare stacks will be located a minimum of 100 feet from the nearest surface hole location. All gas is captured or combusted. If an emergency or malfunction occurs, gas will be flared or vented for public health, safety, and the environment and be properly reported to the NMOCD pursuant to 19.15.27.8.G.
- Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.

### C. Completion Operations

- During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.
- Individual well test separators will be set to properly separate gas and liquids. A temporary test separator will be utilized initially to process volumes. In addition, separators will be tied into flowback tanks which will be tied into the gas processing equipment for sales down a pipeline.

### D. Venting and flaring during production operations

- During each phase of well life (drilling, completion and production) of a ConocoPhillips well, COP personnel will follow all necessary procedures to ensure both the operation and the equipment are within the NMAC 19.15.27.8 Subsection D guidelines.
- During well operations that require unloading of the well to atmospheric pressure, all reasonable actions will be taken to minimize vented gas
- Through the life of the well all flaring shall be measured, and venting events quantified using the data available and industry best practice.

### E. Performance standards for separation, storage tank and flare equipment

- All storage tanks and separation equipment are designed minimize risk of liquid or vapor release and optimize gas capture. This includes automation for automatic gauging and pressure monitoring.

- All flare stacks are equipped with auto ignition devices and/or continuous pilots and are designed to operate at maximum combustion efficiency pursuant NMAC 19.15.27.8 Subsection E. Flares will follow COP spacing guidelines to ensure they are a safe distance from combustibles and operations equipment.
- COP personnel will conduct routine AVO inspections on a regular basis per NMAC 19.15.27.8 Subsection E guidelines.

F. Measurement of vented and flared natural gas.

- Measurement equipment will be installed to quantify gas flared during drilling, completion and production of the well.
- All measurement devices installed will meet accuracy ratings per AGA and API standards.
- Measurement devices will be installed without manifolds that allow diversion of gas around the metering element, except for the sole purpose of inspection of servicing the measurement device.

**VIII. Best Management Practices**

- Operator will curtail or shut in production, within reasonable limits, during upset conditions to minimize venting and flaring.
- When feasible, Operator will use equipment to capture gas that would otherwise be vented or flared.
- During completions and production operations Operator will minimize blowdowns to atmosphere
- When feasible, Operator will use electric or air actuated equipment to reduce bleed emissions

## COG Production LLC - Flaming Snail Federal Com #521H

## 1. Geologic Formations

|               |            |                               |     |
|---------------|------------|-------------------------------|-----|
| TVD of target | 7,980' EOL | Pilot hole depth              | NA  |
| MD at TD:     | 23,619'    | Deepest expected fresh water: | 28' |

| Formation            | Depth (TVD)<br>from KB | Water/Mineral Bearing/<br>Target Zone? | Hazards* |
|----------------------|------------------------|----------------------------------------|----------|
| Quaternary Fill      | Surface                | Water                                  |          |
| Rustler              | 80                     | Water                                  |          |
| Top of Salt          | 548                    | Salt                                   |          |
| Base of Salt         | 1969                   | Salt                                   |          |
| Lamar                | 2141                   | Salt Water                             |          |
| Bell Canyon          | 2205                   | Salt Water                             |          |
| Cherry Canyon        | 2995                   | Oil/Gas                                |          |
| Brushy Canyon        | 4087                   | Oil/Gas                                |          |
| Bone Spring Lime     | 5693                   | Oil/Gas                                |          |
| 1st Bone Spring Sand | 6623                   | Oil/Gas                                |          |
| 2nd Bone Spring Sand | 7149                   | Oil/Gas                                |          |
| Charkey              | 7919                   | Oil/Gas                                |          |
| 3rd Bone Spring Sand | 8468                   | Not Penetrated                         |          |
|                      |                        |                                        |          |
|                      |                        |                                        |          |

## 2. Casing Program

| Hole Size                 | Casing Interval |        | Csg. Size | Weight<br>(lbs) | Grade | Conn. | SF<br>Collapse | SF Burst | SF<br>Tension      |
|---------------------------|-----------------|--------|-----------|-----------------|-------|-------|----------------|----------|--------------------|
|                           | From            | To     |           |                 |       |       |                |          |                    |
| 17.5"                     | 0               | 510    | 13.375"   | 54.5            | J55   | STC   | 4.84           | 2.97     | 18.49              |
| 12.25"                    | 0               | 2165   | 9.625"    | 40              | J55   | LTC   | 2.26           | 1.29     | 6.00               |
| 8.75"                     | 0               | 23,619 | 5.5"      | 17              | P110  | LTC   | 1.94           | 3.48     | 3.28               |
| BLM Minimum Safety Factor |                 |        |           |                 |       |       | 1.125          | 1        | 1.6 Dry<br>1.8 Wet |

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Intermediate burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface.

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

## COG Production LLC - Flaming Snail Federal Com #521H

|                                                                                                                                                  | Y or N |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Is casing new? If used, attach certification as required in Onshore Order #1                                                                     | Y      |
| Does casing meet API specifications? If no, attach casing specification sheet.                                                                   | Y      |
| Is premium or uncommon casing planned? If yes attach casing specification sheet.                                                                 | N      |
| Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria). | Y      |
| Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?                | Y      |
|                                                                                                                                                  |        |
| Is well located within Capitan Reef?                                                                                                             | N      |
| If yes, does production casing cement tie back a minimum of 50' above the Reef?                                                                  |        |
| Is well within the designated 4 string boundary?                                                                                                 |        |
|                                                                                                                                                  |        |
| Is well located in SOPA but not in R-111-P?                                                                                                      | N      |
| If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back 500' into previous casing?                       |        |
|                                                                                                                                                  |        |
| Is well located in R-111-P and SOPA?                                                                                                             | N      |
| If yes, are the first three strings cemented to surface?                                                                                         |        |
| Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?                                                                               |        |
|                                                                                                                                                  |        |
| Is well located in high Cave/Karst?                                                                                                              | N      |
| If yes, are there two strings cemented to surface?                                                                                               |        |
| (For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?                                                           |        |
|                                                                                                                                                  |        |
| Is well located in critical Cave/Karst?                                                                                                          | N      |
| If yes, are there three strings cemented to surface?                                                                                             |        |

## COG Production LLC - Flaming Snail Federal Com #521H

## 3. Cementing Program

| Casing   | # Sk | Wt. lb/<br>gal | Yld ft3/<br>sack | H <sub>2</sub> O gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description                            |
|----------|------|----------------|------------------|-------------------------|-----------------------------------|-----------------------------------------------|
| Surf.    | 120  | 13.5           | 1.75             | 9                       | 12                                | Lead: Class C + 4% Gel + 1% CaCl <sub>2</sub> |
|          | 250  | 14.8           | 1.34             | 6.34                    | 8                                 | Tail: Class C + 2% CaCl <sub>2</sub>          |
| Inter.   | 320  | 12.7           | 2.0              | 9.6                     | 16                                | Lead: 35:65:6 C Blend                         |
|          | 250  | 14.8           | 1.34             | 6.34                    | 8                                 | Tail: Class C + 2% CaCl                       |
| 5.5 Prod | 730  | 11.9           | 2.5              | 19                      | 72                                | Lead: 50:50:10 H Blend                        |
|          | 3940 | 14.4           | 1.24             | 5.7                     | 19                                | Tail: 50:50:2 Class H Blend                   |

Volumes Subject to Observed Hole Conditions and/or Fluid Caliper Results

Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

| Casing String                | TOC    | % Excess                                            |
|------------------------------|--------|-----------------------------------------------------|
| Surface                      | 0'     | 50%                                                 |
| 1 <sup>st</sup> Intermediate | 0'     | 50%                                                 |
| Production                   | 1,665' | 20% OH in Lateral (KOP to EOL) – 25% OH in Vertical |

## COG Production LLC - Flaming Snail Federal Com #521H

## 4. Pressure Control Equipment

|   |                                                                                                         |
|---|---------------------------------------------------------------------------------------------------------|
| N | A variance is requested for the use of a diverter on the surface casing.<br>See attached for schematic. |
|---|---------------------------------------------------------------------------------------------------------|

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       | x | Tested to:           |
|------------------------------------------------------|---------|------------------|------------|---|----------------------|
| 12-1/4"                                              | 13-5/8" | 2M               | Annular    | x | 2000 psi             |
|                                                      |         |                  | Blind Ram  |   | 2M                   |
|                                                      |         |                  | Pipe Ram   |   |                      |
|                                                      |         |                  | Double Ram |   |                      |
|                                                      |         |                  | Other*     |   |                      |
| 8-3/4"                                               | 13-5/8" | 3M               | Annular    | x | 50% testing pressure |
|                                                      |         |                  | Blind Ram  | x | 3M                   |
|                                                      |         |                  | Pipe Ram   | x |                      |
|                                                      |         |                  | Double Ram |   |                      |
|                                                      |         |                  | Other*     |   |                      |

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

|   |                                                                                                                                                                                                                                                                                                                   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X | Formation integrity test will be performed per Onshore Order #2.<br><br>On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. |
| Y | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                                   |
| N | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                             |
| N | A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.                                                |

## COG Production LLC - Flaming Snail Federal Com #521H

## 5. Mud Program

| Depth           |                 | Type            | Weight (ppg) | Viscosity | Water Loss |
|-----------------|-----------------|-----------------|--------------|-----------|------------|
| From            | To              |                 |              |           |            |
| 0               | Surf. Shoe      | FW Gel          | 8.6 - 8.8    | 28-34     | N/C        |
| Surf csg        | 9-5/8" Int shoe | Saturated Brine | 10 - 10.1    | 28-34     | N/C        |
| 9-5/8" Int shoe | Lateral TD      | Cut Brine       | 8.6 - 9.3    | 28-34     | N/C        |

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

|                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| What will be used to monitor the loss or gain of fluid? | PVT/Pason/Visual Monitoring |
|---------------------------------------------------------|-----------------------------|

## 6. Logging and Testing Procedures

| Logging, Coring and Testing. |                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y                            | Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM. |
| Y                            | No Logs are planned based on well control or offset log information.                                                                                        |
| N                            | Drill stem test? If yes, explain.                                                                                                                           |
| N                            | Coring? If yes, explain.                                                                                                                                    |

| Additional logs planned |             | Interval                                                   |
|-------------------------|-------------|------------------------------------------------------------|
| N                       | Resistivity | Pilot Hole TD to ICP                                       |
| N                       | Density     | Pilot Hole TD to ICP                                       |
| Y                       | CBL         | Production casing<br>(If cement not circulated to surface) |
| Y                       | Mud log     | Intermediate shoe to TD                                    |
| N                       | PEX         |                                                            |

**COG Production LLC - Flaming Snail Federal Com #521H****7. Drilling Conditions**

| Condition                  | Specify what type and where? |
|----------------------------|------------------------------|
| BH Pressure at deepest TVD | 3860 psi at 7980' TVD        |
| Abnormal Temperature       | NO 140 Deg. F.               |

No abnormal pressure or temperature conditions are anticipated. Sufficient mud materials to maintain mud properties and weight increase requirements will be kept on location at all times.

Sufficient supplies of Paper/LCM for periodic sweeps to control seepage and losses will be maintained on location.

Hydrogen Sulfide (H<sub>2</sub>S) monitors will be installed prior to drilling out the surface shoe. If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

N H<sub>2</sub>S is present

Y H<sub>2</sub>S Plan attached

**8. Other Facets of Operation**

|   |                            |
|---|----------------------------|
| Y | Is it a walking operation? |
| Y | Is casing pre-set?         |

|   |                         |
|---|-------------------------|
| x | H <sub>2</sub> S Plan.  |
| x | BOP & Choke Schematics. |
| x | Directional Plan        |

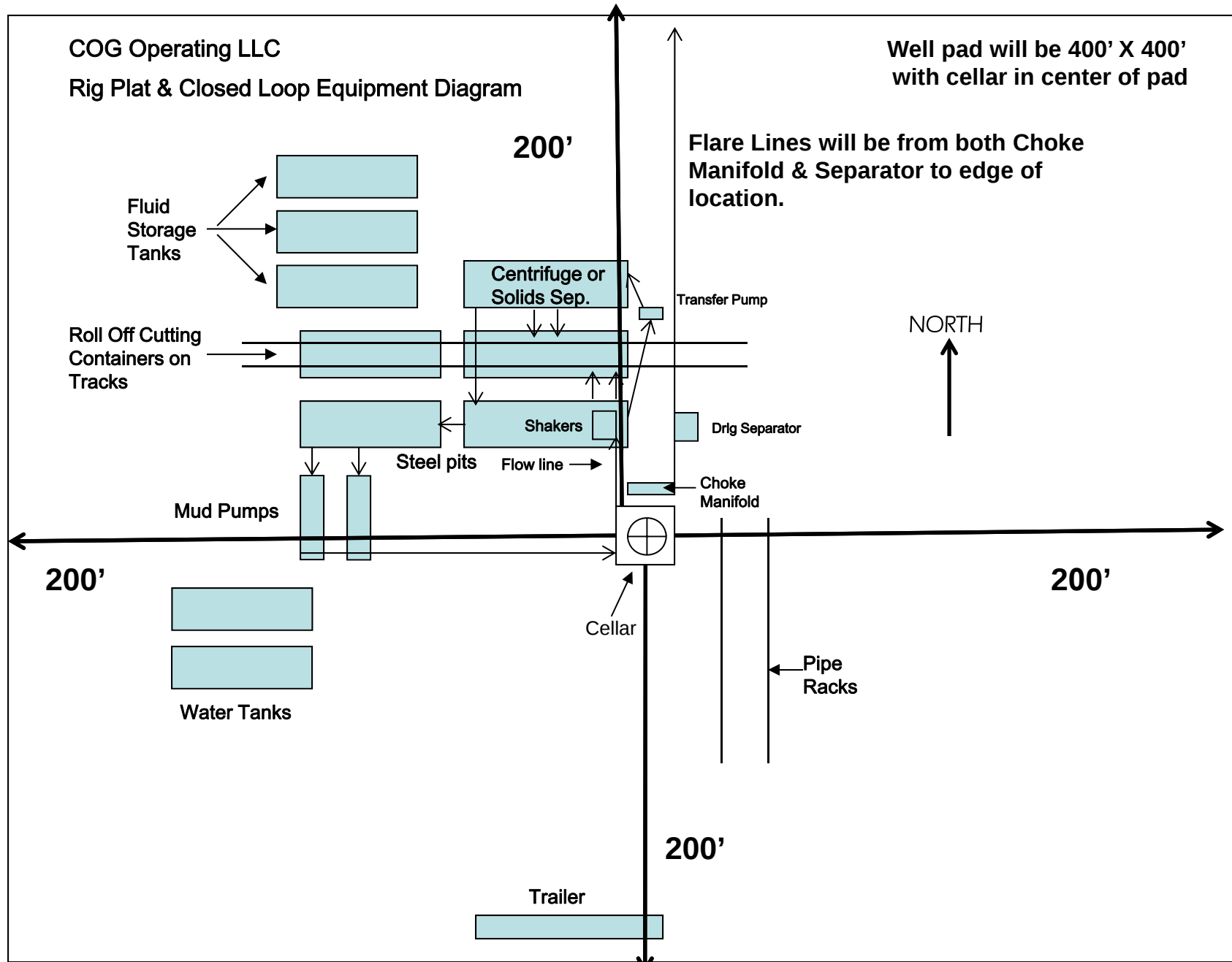


Exhibit 1

"I further certify that COG will comply with Rule 19.15.17 NMAC by using a Closed Loop System."

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)**

**FLAMING SNAIL FED COM PROJECT**

**FLAMING SNAIL FEDERAL COM #521H**

**OWB**

**PWP0**

## **Anticollision Report**

**01 July, 2022**

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Reference                    | PWP0                                                                |                |                     |
|------------------------------|---------------------------------------------------------------------|----------------|---------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                     |
| Interpolation Method:        | MD + Stations Interval 95.0usft                                     | Error Model:   | ISCWSA              |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D |
| Results Limited by:          | Maximum centre distance of 1,000.0usft                              | Error Surface: | Pedal Curve         |
| Warning Levels Evaluated at: | 2.00 Sigma                                                          | Casing Method: | Not applied         |

| Survey Tool Program |              | Date              | 7/1/2022            |                                            |  |
|---------------------|--------------|-------------------|---------------------|--------------------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name           | Description                                |  |
| 0.0                 | 2,000.0      | PWP0 (OWB)        | Standard Keeper 104 | Standard Wireline Keeper ver 1.0.4         |  |
| 2,000.0             | 7,437.5      | PWP0 (OWB)        | MWD+IFR1+MS         | OWSG MWD + IFR1 + Multi-Station Correction |  |
| 7,437.5             | 23,619.6     | PWP0 (OWB)        | MWD+IFR1+MS         | OWSG MWD + IFR1 + Multi-Station Correction |  |

| Summary                                      |                                 |                              |                                 |                                  |                   |              |
|----------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|--------------|
| Site Name                                    | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning      |
| Offset Well - Wellbore - Design              |                                 |                              |                                 |                                  |                   |              |
| FLAMING SNAIL FED COM PROJECT                |                                 |                              |                                 |                                  |                   |              |
| *FLAMING SNAIL FED COM #703H - OWB - PWP0    |                                 |                              |                                 |                                  |                   | Out of range |
| *FLAMING SNAIL FED COM #704H - OWB - PWP0    |                                 |                              |                                 |                                  |                   | Out of range |
| *FLAMING SNAIL FED COM #705H - OWB - PWP0    |                                 |                              |                                 |                                  |                   | Out of range |
| *FLAMING SNAIL FED COM #706H - OWB - PWP0    | 2,850.0                         | 2,845.5                      | 129.8                           | 119.1                            | 12.136            | SF           |
| *FLAMING SNAIL FED COM #706H - OWB - PWP0    | 2,873.5                         | 2,867.7                      | 129.6                           | 119.0                            | 12.169            | CC, ES       |
| *FLAMING SNAIL FED COM #707H - OWB - PWP0    | 3,040.0                         | 3,034.3                      | 111.3                           | 99.8                             | 9.737             | SF           |
| *FLAMING SNAIL FED COM #707H - OWB - PWP0    | 3,078.9                         | 3,072.8                      | 111.1                           | 99.7                             | 9.747             | CC, ES       |
| *FLAMING SNAIL FED COM #708H - OWB - PWP0    | 3,462.0                         | 3,457.8                      | 61.0                            | 48.2                             | 4.757             | CC           |
| *FLAMING SNAIL FED COM #708H - OWB - PWP0    | 8,200.0                         | 7,954.3                      | 84.2                            | 44.1                             | 2.099             | SF           |
| *FLAMING SNAIL FED COM #708H - OWB - PWP0    | 8,204.0                         | 7,955.3                      | 84.1                            | 44.1                             | 2.099             | ES           |
| *FLAMING SNAIL FED COM #709H - OWB - PWP0    | 1,429.6                         | 1,447.6                      | 200.7                           | 193.8                            | 28.751            | CC           |
| *FLAMING SNAIL FED COM #709H - OWB - PWP0    | 1,500.0                         | 1,517.3                      | 200.8                           | 193.7                            | 28.381            | ES           |
| *FLAMING SNAIL FED COM #709H - OWB - PWP0    | 8,100.0                         | 7,966.2                      | 570.4                           | 542.2                            | 20.225            | SF           |
| *FLAMING SNAIL FED COM #710H - OWB - PWP0    | 2,550.1                         | 2,539.9                      | 194.5                           | 184.8                            | 20.012            | SF           |
| *FLAMING SNAIL FED COM #710H - OWB - PWP0    | 2,606.7                         | 2,592.5                      | 193.8                           | 184.1                            | 20.112            | CC, ES       |
| *FLAMING SNAIL FED COM #802H - OWB - PWP0    |                                 |                              |                                 |                                  |                   | Out of range |
| *FLAMING SNAIL FED COM #803H - OWB - PWP0    |                                 |                              |                                 |                                  |                   | Out of range |
| *FLAMING SNAIL FED COM #804H - OWB - PWP0    | 3,438.3                         | 3,397.7                      | 203.6                           | 190.6                            | 15.677            | CC, ES       |
| *FLAMING SNAIL FED COM #804H - OWB - PWP0    | 3,515.0                         | 3,472.8                      | 204.2                           | 191.1                            | 15.611            | SF           |
| *FLAMING SNAIL FED COM #805H - OWB - PWP0    | 4,638.9                         | 4,596.5                      | 118.2                           | 91.4                             | 4.413             | CC           |
| *FLAMING SNAIL FED COM #805H - OWB - PWP0    | 4,700.0                         | 4,657.2                      | 118.5                           | 91.3                             | 4.355             | ES           |
| *FLAMING SNAIL FED COM #805H - OWB - PWP0    | 7,892.6                         | 7,793.8                      | 176.5                           | 128.6                            | 3.684             | SF           |
| *FLAMING SNAIL FED COM #806H - OWB - PWP0    | 3,690.7                         | 3,649.4                      | 192.4                           | 180.1                            | 15.741            | CC           |
| *FLAMING SNAIL FED COM #806H - OWB - PWP0    | 3,700.0                         | 3,658.5                      | 192.4                           | 180.1                            | 15.726            | ES           |
| *FLAMING SNAIL FED COM #806H - OWB - PWP0    | 3,895.0                         | 3,850.4                      | 195.8                           | 183.2                            | 15.592            | SF           |
| COTTONBERRY 20 FEDERAL COM #4H - OWB - AWP   |                                 |                              |                                 |                                  |                   | Out of range |
| COTTONWOOD HILLS 32 STATE COM #5H - OWB - AW |                                 |                              |                                 |                                  |                   | Out of range |
| FLAMING SNAIL FEDERAL COM #502H - OWB - PWP0 |                                 |                              |                                 |                                  |                   | Out of range |
| FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 | 2,000.0                         | 1,999.3                      | 30.0                            | 23.4                             | 4.560             | CC, ES       |
| FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 | 23,619.6                        | 23,316.1                     | 933.1                           | 690.7                            | 3.850             | SF           |
| FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 | 1,995.3                         | 1,995.5                      | 30.0                            | 23.4                             | 4.561             | CC           |
| FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 | 2,000.0                         | 2,000.0                      | 30.0                            | 23.4                             | 4.560             | ES           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Summary                                        |                                 |                              |                                 |                                  |                   |              |
|------------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|--------------|
| Site Name                                      | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning      |
| Offset Well - Wellbore - Design                |                                 |                              |                                 |                                  |                   |              |
| FLAMING SNAIL FED COM PROJECT                  |                                 |                              |                                 |                                  |                   |              |
| FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0   | 23,619.6                        | 23,236.1                     | 737.3                           | 493.3                            | 3.021             | SF           |
| LEONARDO BKL FEDERAL COM #1 - OWB - AWP        |                                 |                              |                                 |                                  |                   | Out of range |
| WHITE CITY 21 25 27 FEDERAL COM #5H - OWB - AW | 6,172.5                         | 6,032.4                      | 899.5                           | 856.8                            | 21.059            | CC           |
| WHITE CITY 21 25 27 FEDERAL COM #5H - OWB - AW | 6,200.0                         | 6,059.6                      | 899.5                           | 856.6                            | 20.961            | ES           |
| WHITE CITY 21 25 27 FEDERAL COM #5H - OWB - AW | 7,220.0                         | 7,051.6                      | 928.2                           | 878.4                            | 18.626            | SF           |
| WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AW | 7,116.1                         | 7,011.1                      | 436.7                           | 388.5                            | 9.049             | CC           |
| WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AW | 7,125.0                         | 7,018.3                      | 436.7                           | 388.4                            | 9.039             | ES           |
| WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AW | 7,200.0                         | 7,070.7                      | 438.7                           | 390.0                            | 8.999             | SF           |

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| TD Summary                                     |                                 |                              |                                 |                                  |                   |                  |
|------------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------------|
| Site Name                                      | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning          |
| Offset Well - Wellbore - Design                |                                 |                              |                                 |                                  |                   |                  |
| FLAMING SNAIL FED COM PROJECT                  |                                 |                              |                                 |                                  |                   |                  |
| *FLAMING SNAIL FED COM #703H - OWB - PWP0      | 23,619.6                        | 24,381.8                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #704H - OWB - PWP0      | 23,619.6                        | 24,378.8                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #705H - OWB - PWP0      | 23,619.6                        | 24,429.2                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #706H - OWB - PWP0      | 23,619.6                        | 24,346.1                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #707H - OWB - PWP0      | 23,619.6                        | 24,239.9                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #708H - OWB - PWP0      | 23,619.6                        | 24,070.0                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #709H - OWB - PWP0      | 23,619.6                        | 24,223.8                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #710H - OWB - PWP0      | 23,619.6                        | 24,280.6                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #802H - OWB - PWP0      | 23,619.6                        | 25,500.7                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #803H - OWB - PWP0      | 23,619.6                        | 25,812.8                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #804H - OWB - PWP0      | 23,619.6                        | 25,412.6                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #805H - OWB - PWP0      | 23,619.6                        | 25,343.3                     |                                 |                                  |                   | Out of Range @TD |
| *FLAMING SNAIL FED COM #806H - OWB - PWP0      | 23,619.6                        | 24,981.6                     |                                 |                                  |                   | Out of Range @TD |
| COTTONBERRY 20 FEDERAL COM #4H - OWB - AWP     | 23,619.6                        | 11,975.0                     |                                 |                                  |                   | Out of Range @TD |
| COTTONWOOD HILLS 32 STATE COM #5H - OWB - AW   | 23,619.6                        | 6,940.0                      |                                 |                                  |                   | Out of Range @TD |
| FLAMING SNAIL FEDERAL COM #502H - OWB - PWP0   | 23,619.6                        | 23,347.9                     |                                 |                                  |                   | Out of Range @TD |
| FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0   | 23,619.6                        | 23,316.1                     | 933.1                           | 690.7                            | 3.850             | SF               |
| FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0   | 23,619.6                        | 23,236.1                     | 737.3                           | 493.3                            | 3.021             | SF               |
| LEONARDO BKL FEDERAL COM #1 - OWB - AWP        | 23,619.6                        | 7,927.0                      |                                 |                                  |                   | Out of Range @TD |
| WHITE CITY 21 25 27 FEDERAL COM #5H - OWB - AW | 23,619.6                        | 6,985.0                      |                                 |                                  |                   | Out of Range @TD |
| WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AW | 23,619.6                        | 7,022.0                      |                                 |                                  |                   | Out of Range @TD |

| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #706H - OWB - PWP0 |                       |                       |                       |                  |               |                       |              |              |                        |                         |                           |                   | <b>Offset Site Error:</b> 0.0 usft |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|---------------------------|-------------------|------------------------------------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 8492-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                       |              |              |                        |                         |                           |                   | <b>Offset Well Error:</b> 3.0 usft |
| <b>Rule Assigned:</b>                                                                           |                       |                       |                       |                  |               |                       |              |              |                        |                         |                           |                   |                                    |
| Measured Depth (usft)                                                                           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                            |
| 0.0                                                                                             | 0.0                   | 18.0                  | 18.0                  | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  |                         |                           |                   |                                    |
| 95.0                                                                                            | 95.0                  | 113.0                 | 113.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.9                   | 6.00                      | 33.806            |                                    |
| 100.0                                                                                           | 100.0                 | 118.0                 | 118.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.9                   | 6.00                      | 33.805            |                                    |
| 190.0                                                                                           | 190.0                 | 208.0                 | 208.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.9                   | 6.01                      | 33.755            |                                    |
| 200.0                                                                                           | 200.0                 | 218.0                 | 218.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.9                   | 6.01                      | 33.746            |                                    |
| 285.0                                                                                           | 285.0                 | 303.0                 | 303.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.8                   | 6.03                      | 33.648            |                                    |
| 300.0                                                                                           | 300.0                 | 318.0                 | 318.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.8                   | 6.03                      | 33.626            |                                    |
| 380.0                                                                                           | 380.0                 | 398.0                 | 398.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.8                   | 6.06                      | 33.488            |                                    |
| 400.0                                                                                           | 400.0                 | 418.0                 | 418.0                 | 3.0              | 3.0           | 14.25                 | 196.6        | 49.9         | 202.9                  | 196.8                   | 6.07                      | 33.447            |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #706H - OWB - PWP0 |                       |                       |                       |                  |               |                        |              |              |                        |                                  |                           |                   |         | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|----------------------------------|---------------------------|-------------------|---------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 8492-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                        |              |              |                        |                                  |                           |                   |         | Offset Well Error: 3.0 usft |  |
| Reference                                                                                |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Rule Assigned:         |                                  |                           |                   | Warning |                             |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Distance Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |         |                             |  |
| 475.0                                                                                    | 475.0                 | 493.0                 | 493.0                 | 3.0              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.8                            | 6.10                      | 33.276            |         |                             |  |
| 500.0                                                                                    | 500.0                 | 518.0                 | 518.0                 | 3.1              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.8                            | 6.11                      | 33.212            |         |                             |  |
| 570.0                                                                                    | 570.0                 | 588.0                 | 588.0                 | 3.1              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.7                            | 6.14                      | 33.015            |         |                             |  |
| 600.0                                                                                    | 600.0                 | 618.0                 | 618.0                 | 3.1              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.7                            | 6.16                      | 32.923            |         |                             |  |
| 665.0                                                                                    | 665.0                 | 683.0                 | 683.0                 | 3.1              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.7                            | 6.20                      | 32.709            |         |                             |  |
| 700.0                                                                                    | 700.0                 | 718.0                 | 718.0                 | 3.1              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.6                            | 6.23                      | 32.586            |         |                             |  |
| 760.0                                                                                    | 760.0                 | 778.0                 | 778.0                 | 3.1              | 3.1           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.6                            | 6.27                      | 32.362            |         |                             |  |
| 800.0                                                                                    | 800.0                 | 818.0                 | 818.0                 | 3.2              | 3.2           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.6                            | 6.30                      | 32.204            |         |                             |  |
| 855.0                                                                                    | 855.0                 | 873.0                 | 873.0                 | 3.2              | 3.2           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.5                            | 6.34                      | 31.978            |         |                             |  |
| 900.0                                                                                    | 900.0                 | 918.0                 | 918.0                 | 3.2              | 3.2           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.5                            | 6.38                      | 31.784            |         |                             |  |
| 950.0                                                                                    | 950.0                 | 968.0                 | 968.0                 | 3.2              | 3.2           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.4                            | 6.43                      | 31.561            |         |                             |  |
| 1,000.0                                                                                  | 1,000.0               | 1,018.0               | 1,018.0               | 3.2              | 3.3           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.4                            | 6.48                      | 31.330            |         |                             |  |
| 1,045.0                                                                                  | 1,045.0               | 1,063.0               | 1,063.0               | 3.3              | 3.3           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.3                            | 6.52                      | 31.117            |         |                             |  |
| 1,100.0                                                                                  | 1,100.0               | 1,118.0               | 1,118.0               | 3.3              | 3.3           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.3                            | 6.58                      | 30.848            |         |                             |  |
| 1,140.0                                                                                  | 1,140.0               | 1,158.0               | 1,158.0               | 3.3              | 3.3           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.2                            | 6.62                      | 30.648            |         |                             |  |
| 1,200.0                                                                                  | 1,200.0               | 1,218.0               | 1,218.0               | 3.4              | 3.4           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.2                            | 6.69                      | 30.342            |         |                             |  |
| 1,235.0                                                                                  | 1,235.0               | 1,253.0               | 1,253.0               | 3.4              | 3.4           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.1                            | 6.73                      | 30.160            |         |                             |  |
| 1,300.0                                                                                  | 1,300.0               | 1,318.0               | 1,318.0               | 3.4              | 3.4           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.1                            | 6.80                      | 29.817            |         |                             |  |
| 1,330.0                                                                                  | 1,330.0               | 1,348.0               | 1,348.0               | 3.4              | 3.4           | 14.25                  | 196.6        | 49.9         | 202.9                  | 196.0                            | 6.84                      | 29.656            |         |                             |  |
| 1,400.0                                                                                  | 1,400.0               | 1,418.0               | 1,418.0               | 3.5              | 3.5           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.9                            | 6.93                      | 29.278            |         |                             |  |
| 1,425.0                                                                                  | 1,425.0               | 1,443.0               | 1,443.0               | 3.5              | 3.5           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.9                            | 6.96                      | 29.141            |         |                             |  |
| 1,500.0                                                                                  | 1,500.0               | 1,518.0               | 1,518.0               | 3.5              | 3.6           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.8                            | 7.06                      | 28.728            |         |                             |  |
| 1,520.0                                                                                  | 1,520.0               | 1,538.0               | 1,538.0               | 3.6              | 3.6           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.8                            | 7.09                      | 28.617            |         |                             |  |
| 1,600.0                                                                                  | 1,600.0               | 1,618.0               | 1,618.0               | 3.6              | 3.6           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.7                            | 7.20                      | 28.172            |         |                             |  |
| 1,615.0                                                                                  | 1,615.0               | 1,633.0               | 1,633.0               | 3.6              | 3.6           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.6                            | 7.22                      | 28.089            |         |                             |  |
| 1,700.0                                                                                  | 1,700.0               | 1,718.0               | 1,718.0               | 3.7              | 3.7           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.5                            | 7.35                      | 27.614            |         |                             |  |
| 1,710.0                                                                                  | 1,710.0               | 1,728.0               | 1,728.0               | 3.7              | 3.7           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.5                            | 7.36                      | 27.558            |         |                             |  |
| 1,800.0                                                                                  | 1,800.0               | 1,818.0               | 1,818.0               | 3.8              | 3.8           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.4                            | 7.50                      | 27.055            |         |                             |  |
| 1,805.0                                                                                  | 1,805.0               | 1,823.0               | 1,823.0               | 3.8              | 3.8           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.4                            | 7.51                      | 27.027            |         |                             |  |
| 1,900.0                                                                                  | 1,900.0               | 1,918.0               | 1,918.0               | 3.9              | 3.9           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.2                            | 7.66                      | 26.498            |         |                             |  |
| 1,995.0                                                                                  | 1,995.0               | 2,013.0               | 2,013.0               | 3.9              | 3.9           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.1                            | 7.81                      | 25.974            |         |                             |  |
| 2,000.0                                                                                  | 2,000.0               | 2,018.0               | 2,018.0               | 3.9              | 4.0           | 14.25                  | 196.6        | 49.9         | 202.9                  | 195.0                            | 7.82                      | 25.947            |         |                             |  |
| 2,090.0                                                                                  | 2,090.0               | 2,108.0               | 2,108.0               | 4.1              | 4.0           | 22.90                  | 196.6        | 49.9         | 201.6                  | 193.5                            | 8.09                      | 24.913            |         |                             |  |
| 2,100.0                                                                                  | 2,100.0               | 2,118.0               | 2,118.0               | 4.2              | 4.0           | 22.93                  | 196.6        | 49.9         | 201.3                  | 193.1                            | 8.12                      | 24.778            |         |                             |  |
| 2,185.0                                                                                  | 2,184.9               | 2,202.9               | 2,202.9               | 4.7              | 4.1           | 23.44                  | 196.6        | 49.9         | 197.4                  | 188.6                            | 8.75                      | 22.560            |         |                             |  |
| 2,200.0                                                                                  | 2,199.8               | 2,217.8               | 2,217.8               | 4.8              | 4.1           | 23.57                  | 196.6        | 49.9         | 196.4                  | 187.6                            | 8.87                      | 22.158            |         |                             |  |
| 2,280.0                                                                                  | 2,279.6               | 2,297.6               | 2,297.6               | 5.3              | 4.2           | 24.42                  | 196.6        | 49.9         | 190.3                  | 180.9                            | 9.40                      | 20.240            |         |                             |  |
| 2,300.0                                                                                  | 2,299.5               | 2,317.5               | 2,317.5               | 5.4              | 4.2           | 24.69                  | 196.6        | 49.9         | 188.5                  | 178.9                            | 9.54                      | 19.757            |         |                             |  |
| 2,375.0                                                                                  | 2,373.9               | 2,391.9               | 2,391.9               | 5.9              | 4.3           | 25.93                  | 196.6        | 49.9         | 180.5                  | 170.5                            | 10.00                     | 18.046            |         |                             |  |
| 2,400.0                                                                                  | 2,398.7               | 2,416.7               | 2,416.7               | 6.0              | 4.3           | 26.43                  | 196.6        | 49.9         | 177.5                  | 167.3                            | 10.16                     | 17.475            |         |                             |  |
| 2,470.0                                                                                  | 2,467.9               | 2,485.9               | 2,485.9               | 6.4              | 4.4           | 28.13                  | 196.6        | 49.9         | 168.0                  | 157.5                            | 10.55                     | 15.935            |         |                             |  |
| 2,500.0                                                                                  | 2,497.5               | 2,514.9               | 2,514.9               | 6.6              | 4.4           | 28.99                  | 196.6        | 50.0         | 163.6                  | 152.9                            | 10.71                     | 15.284            |         |                             |  |
| 2,550.1                                                                                  | 2,546.7               | 2,562.2               | 2,562.2               | 6.7              | 4.4           | 30.78                  | 196.9        | 50.5         | 156.2                  | 145.4                            | 10.80                     | 14.459            |         |                             |  |
| 2,565.0                                                                                  | 2,561.4               | 2,576.3               | 2,576.3               | 6.7              | 4.5           | 31.38                  | 197.1        | 50.8         | 154.0                  | 143.2                            | 10.81                     | 14.241            |         |                             |  |
| 2,600.0                                                                                  | 2,595.7               | 2,609.3               | 2,609.3               | 6.7              | 4.5           | 32.93                  | 197.6        | 51.8         | 149.2                  | 138.3                            | 10.83                     | 13.769            |         |                             |  |
| 2,660.0                                                                                  | 2,654.6               | 2,666.1               | 2,666.0               | 6.8              | 4.5           | 36.02                  | 198.8        | 54.2         | 141.9                  | 131.1                            | 10.85                     | 13.085            |         |                             |  |
| 2,700.0                                                                                  | 2,693.9               | 2,703.9               | 2,703.7               | 6.9              | 4.5           | 38.39                  | 199.8        | 56.4         | 137.9                  | 127.1                            | 10.84                     | 12.726            |         |                             |  |
| 2,755.0                                                                                  | 2,747.9               | 2,755.9               | 2,755.5               | 7.0              | 4.6           | 42.04                  | 201.7        | 60.2         | 133.6                  | 122.8                            | 10.81                     | 12.355            |         |                             |  |
| 2,800.0                                                                                  | 2,792.0               | 2,800.0               | 2,799.5               | 7.1              | 4.6           | 45.44                  | 203.6        | 64.0         | 131.2                  | 120.4                            | 10.77                     | 12.182            |         |                             |  |
| 2,850.0                                                                                  | 2,841.1               | 2,845.5               | 2,844.7               | 7.1              | 4.6           | 49.18                  | 205.8        | 68.6         | 129.8                  | 119.1                            | 10.69                     | 12.136 SF         |         |                             |  |
| 2,873.5                                                                                  | 2,864.2               | 2,867.7               | 2,866.6               | 7.2              | 4.6           | 51.07                  | 207.1        | 71.0         | 129.6                  | 119.0                            | 10.65                     | 12.169 CC, ES     |         |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #706H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8492-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Rule Assigned:</b>        |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
|                                                                                                 |                              |                              |                              |                         |                      |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 2,900.0                                                                                         | 2,890.2                      | 2,892.6                      | 2,891.3                      | 7.2                     | 4.7                  | 53.21                        | 208.5                         | 74.0                | 129.8                         | 119.2                          | 10.60                            | 12.249                    |                |
| 2,945.0                                                                                         | 2,934.4                      | 2,934.8                      | 2,933.1                      | 7.3                     | 4.7                  | 56.89                        | 211.2                         | 79.5                | 131.1                         | 120.6                          | 10.50                            | 12.485                    |                |
| 3,000.0                                                                                         | 2,988.4                      | 2,986.3                      | 2,984.0                      | 7.4                     | 4.7                  | 61.31                        | 214.9                         | 86.8                | 134.4                         | 124.0                          | 10.39                            | 12.942                    |                |
| 3,040.0                                                                                         | 3,027.6                      | 3,024.7                      | 3,021.8                      | 7.5                     | 4.7                  | 64.49                        | 217.8                         | 92.8                | 137.9                         | 127.6                          | 10.32                            | 13.366                    |                |
| 3,100.0                                                                                         | 3,086.5                      | 3,083.3                      | 3,079.5                      | 7.7                     | 4.8                  | 69.04                        | 222.3                         | 101.9               | 143.9                         | 133.7                          | 10.24                            | 14.056                    |                |
| 3,135.0                                                                                         | 3,120.9                      | 3,117.5                      | 3,113.2                      | 7.7                     | 4.8                  | 71.53                        | 225.0                         | 107.2               | 147.8                         | 137.6                          | 10.21                            | 14.478                    |                |
| 3,200.0                                                                                         | 3,184.7                      | 3,181.0                      | 3,175.7                      | 7.9                     | 4.9                  | 75.80                        | 229.8                         | 117.1               | 155.8                         | 145.6                          | 10.19                            | 15.286                    |                |
| 3,230.0                                                                                         | 3,214.1                      | 3,210.3                      | 3,204.6                      | 8.0                     | 4.9                  | 77.62                        | 232.1                         | 121.7               | 159.7                         | 149.5                          | 10.20                            | 15.664                    |                |
| 3,300.0                                                                                         | 3,282.8                      | 3,278.7                      | 3,271.9                      | 8.1                     | 4.9                  | 81.55                        | 237.4                         | 132.3               | 169.5                         | 159.3                          | 10.25                            | 16.546                    |                |
| 3,325.0                                                                                         | 3,307.4                      | 3,303.1                      | 3,296.0                      | 8.2                     | 4.9                  | 82.85                        | 239.2                         | 136.1               | 173.2                         | 162.9                          | 10.27                            | 16.858                    |                |
| 3,400.0                                                                                         | 3,381.0                      | 3,376.4                      | 3,368.1                      | 8.4                     | 5.0                  | 86.42                        | 244.9                         | 147.5               | 184.7                         | 174.3                          | 10.39                            | 17.781                    |                |
| 3,420.0                                                                                         | 3,400.6                      | 3,395.9                      | 3,387.4                      | 8.4                     | 5.0                  | 87.30                        | 246.4                         | 150.6               | 187.9                         | 177.5                          | 10.43                            | 18.022                    |                |
| 3,500.0                                                                                         | 3,479.2                      | 3,474.1                      | 3,464.3                      | 8.7                     | 5.1                  | 90.55                        | 252.4                         | 162.7               | 201.1                         | 190.5                          | 10.60                            | 18.963                    |                |
| 3,515.0                                                                                         | 3,493.9                      | 3,488.7                      | 3,478.8                      | 8.7                     | 5.1                  | 91.11                        | 253.5                         | 165.0               | 203.6                         | 193.0                          | 10.64                            | 19.136                    |                |
| 3,600.0                                                                                         | 3,577.3                      | 3,571.8                      | 3,560.5                      | 8.9                     | 5.2                  | 94.04                        | 259.9                         | 177.9               | 218.3                         | 207.4                          | 10.87                            | 20.084                    |                |
| 3,610.0                                                                                         | 3,587.1                      | 3,581.5                      | 3,570.2                      | 9.0                     | 5.2                  | 94.36                        | 260.7                         | 179.5               | 220.0                         | 209.1                          | 10.90                            | 20.192                    |                |
| 3,700.0                                                                                         | 3,675.5                      | 3,669.5                      | 3,656.7                      | 9.2                     | 5.2                  | 97.03                        | 267.4                         | 193.2               | 236.2                         | 225.0                          | 11.17                            | 21.139                    |                |
| 3,705.0                                                                                         | 3,680.4                      | 3,674.3                      | 3,661.6                      | 9.2                     | 5.2                  | 97.16                        | 267.8                         | 193.9               | 237.1                         | 225.9                          | 11.19                            | 21.190                    |                |
| 3,800.0                                                                                         | 3,773.7                      | 3,767.1                      | 3,752.9                      | 9.5                     | 5.3                  | 99.59                        | 274.9                         | 208.4               | 254.6                         | 243.1                          | 11.51                            | 22.130                    |                |
| 3,895.0                                                                                         | 3,866.9                      | 3,859.9                      | 3,844.3                      | 9.8                     | 5.4                  | 101.70                       | 282.1                         | 222.8               | 272.5                         | 260.7                          | 11.84                            | 23.016                    |                |
| 3,900.0                                                                                         | 3,871.8                      | 3,864.8                      | 3,849.2                      | 9.8                     | 5.4                  | 101.81                       | 282.5                         | 223.6               | 273.5                         | 261.6                          | 11.86                            | 23.062                    |                |
| 3,990.0                                                                                         | 3,960.2                      | 3,952.7                      | 3,935.7                      | 10.1                    | 5.5                  | 103.56                       | 289.2                         | 237.3               | 290.8                         | 278.6                          | 12.19                            | 23.851                    |                |
| 4,000.0                                                                                         | 3,970.0                      | 3,962.5                      | 3,945.4                      | 10.1                    | 5.5                  | 103.74                       | 290.0                         | 238.8               | 292.7                         | 280.5                          | 12.23                            | 23.936                    |                |
| 4,085.0                                                                                         | 4,053.4                      | 4,045.5                      | 4,027.1                      | 10.3                    | 5.6                  | 105.19                       | 296.4                         | 251.7               | 309.3                         | 296.7                          | 12.55                            | 24.637                    |                |
| 4,100.0                                                                                         | 4,068.1                      | 4,060.2                      | 4,041.6                      | 10.4                    | 5.6                  | 105.43                       | 297.5                         | 254.0               | 312.2                         | 299.6                          | 12.61                            | 24.757                    |                |
| 4,180.0                                                                                         | 4,146.7                      | 4,138.3                      | 4,118.5                      | 10.6                    | 5.7                  | 106.64                       | 303.5                         | 266.1               | 328.0                         | 315.0                          | 12.92                            | 25.377                    |                |
| 4,200.0                                                                                         | 4,166.3                      | 4,157.9                      | 4,137.8                      | 10.7                    | 5.7                  | 106.93                       | 305.0                         | 269.2               | 331.9                         | 318.9                          | 13.00                            | 25.528                    |                |
| 4,275.0                                                                                         | 4,239.9                      | 4,231.1                      | 4,209.9                      | 10.9                    | 5.8                  | 107.94                       | 310.6                         | 280.6               | 346.9                         | 333.6                          | 13.30                            | 26.075                    |                |
| 4,300.0                                                                                         | 4,264.5                      | 4,255.6                      | 4,234.0                      | 11.0                    | 5.8                  | 108.26                       | 312.5                         | 284.4               | 351.9                         | 338.4                          | 13.40                            | 26.252                    |                |
| 4,370.0                                                                                         | 4,333.2                      | 4,323.9                      | 4,301.3                      | 11.2                    | 5.9                  | 109.10                       | 317.8                         | 295.0               | 365.9                         | 352.2                          | 13.69                            | 26.732                    |                |
| 4,400.0                                                                                         | 4,362.6                      | 4,353.2                      | 4,330.2                      | 11.3                    | 5.9                  | 109.44                       | 320.0                         | 299.6               | 371.9                         | 358.1                          | 13.81                            | 26.932                    |                |
| 4,465.0                                                                                         | 4,426.4                      | 4,416.7                      | 4,392.7                      | 11.5                    | 6.0                  | 110.15                       | 324.9                         | 309.5               | 385.1                         | 371.0                          | 14.08                            | 27.351                    |                |
| 4,500.0                                                                                         | 4,460.8                      | 4,450.9                      | 4,426.4                      | 11.6                    | 6.0                  | 110.50                       | 327.6                         | 314.8               | 392.2                         | 377.9                          | 14.22                            | 27.570                    |                |
| 4,560.0                                                                                         | 4,519.7                      | 4,509.5                      | 4,484.1                      | 11.8                    | 6.0                  | 111.09                       | 332.1                         | 323.9               | 404.4                         | 389.9                          | 14.48                            | 27.935                    |                |
| 4,600.0                                                                                         | 4,559.0                      | 4,548.6                      | 4,522.6                      | 12.0                    | 6.1                  | 111.46                       | 335.1                         | 330.0               | 412.5                         | 397.9                          | 14.64                            | 28.171                    |                |
| 4,655.0                                                                                         | 4,612.9                      | 4,602.3                      | 4,575.5                      | 12.1                    | 6.1                  | 111.95                       | 339.2                         | 338.4               | 423.7                         | 408.9                          | 14.88                            | 28.485                    |                |
| 4,700.0                                                                                         | 4,657.1                      | 4,646.3                      | 4,618.8                      | 12.3                    | 6.2                  | 112.33                       | 342.6                         | 345.2               | 433.0                         | 417.9                          | 15.07                            | 28.735                    |                |
| 4,750.0                                                                                         | 4,706.2                      | 4,695.1                      | 4,666.9                      | 12.5                    | 6.2                  | 112.74                       | 346.4                         | 352.8               | 443.2                         | 427.9                          | 15.28                            | 29.004                    |                |
| 4,800.0                                                                                         | 4,755.3                      | 4,744.0                      | 4,715.0                      | 12.6                    | 6.3                  | 113.13                       | 350.1                         | 360.4               | 453.5                         | 438.0                          | 15.50                            | 29.265                    |                |
| 4,845.0                                                                                         | 4,799.4                      | 4,787.9                      | 4,758.2                      | 12.8                    | 6.3                  | 113.46                       | 353.5                         | 367.3               | 462.8                         | 447.1                          | 15.69                            | 29.493                    |                |
| 4,900.0                                                                                         | 4,853.4                      | 4,841.7                      | 4,811.2                      | 13.0                    | 6.4                  | 113.85                       | 357.6                         | 375.6               | 474.1                         | 458.2                          | 15.93                            | 29.763                    |                |
| 4,940.0                                                                                         | 4,892.7                      | 4,880.7                      | 4,849.6                      | 13.1                    | 6.4                  | 114.12                       | 360.6                         | 381.7               | 482.4                         | 466.3                          | 16.10                            | 29.954                    |                |
| 5,000.0                                                                                         | 4,951.6                      | 4,939.4                      | 4,907.4                      | 13.3                    | 6.5                  | 114.51                       | 365.1                         | 390.8               | 494.8                         | 478.4                          | 16.37                            | 30.232                    |                |
| 5,035.0                                                                                         | 4,986.0                      | 4,973.5                      | 4,941.0                      | 13.4                    | 6.5                  | 114.73                       | 367.8                         | 396.2               | 502.0                         | 485.5                          | 16.52                            | 30.389                    |                |
| 5,100.0                                                                                         | 5,049.8                      | 5,037.0                      | 5,003.6                      | 13.6                    | 6.6                  | 115.12                       | 372.7                         | 406.0               | 515.5                         | 498.7                          | 16.81                            | 30.673                    |                |
| 5,130.0                                                                                         | 5,079.2                      | 5,066.3                      | 5,032.4                      | 13.7                    | 6.6                  | 115.30                       | 374.9                         | 410.6               | 521.7                         | 504.8                          | 16.94                            | 30.800                    |                |
| 5,200.0                                                                                         | 5,147.9                      | 5,134.7                      | 5,099.8                      | 14.0                    | 6.7                  | 115.68                       | 380.2                         | 421.3               | 536.3                         | 519.0                          | 17.25                            | 31.088                    |                |
| 5,225.0                                                                                         | 5,172.5                      | 5,159.2                      | 5,123.8                      | 14.1                    | 6.7                  | 115.82                       | 382.1                         | 425.1               | 541.5                         | 524.1                          | 17.36                            | 31.188                    |                |
| 5,300.0                                                                                         | 5,246.1                      | 5,232.4                      | 5,196.0                      | 14.3                    | 6.8                  | 116.21                       | 387.7                         | 436.5               | 557.1                         | 539.4                          | 17.70                            | 31.478                    |                |
| 5,320.0                                                                                         | 5,265.7                      | 5,252.0                      | 5,215.2                      | 14.4                    | 6.9                  | 116.31                       | 389.2                         | 439.5               | 561.3                         | 543.5                          | 17.79                            | 31.554                    |                |
| 5,400.0                                                                                         | 5,344.2                      | 5,330.1                      | 5,292.2                      | 14.7                    | 6.9                  | 116.69                       | 395.2                         | 451.7               | 578.0                         | 559.8                          | 18.15                            | 31.846                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #706H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                          |                           |                   |         | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|--------------------------|---------------------------|-------------------|---------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 8492-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                       |                        |              |                        |                          |                           |                   |         | Offset Well Error: 3.0 usft |  |
| Reference                                                                                |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Rule Assigned:         |                          |                           |                   | Warning |                             |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Distance Ellipses (usft) | Minimum Separation (usft) | Separation Factor |         |                             |  |
| 5,415.0                                                                                  | 5,359.0               | 5,344.8               | 5,306.6               | 14.7             | 7.0           | 116.76                | 396.3                  | 453.9        | 581.1                  | 562.9                    | 18.22                     | 31.899            |         |                             |  |
| 5,500.0                                                                                  | 5,442.4               | 5,427.8               | 5,388.4               | 15.0             | 7.1           | 117.14                | 402.7                  | 466.9        | 598.9                  | 580.3                    | 18.60                     | 32.192            |         |                             |  |
| 5,510.0                                                                                  | 5,452.2               | 5,437.6               | 5,398.0               | 15.0             | 7.1           | 117.18                | 403.5                  | 468.4        | 601.0                  | 582.4                    | 18.65                     | 32.226            |         |                             |  |
| 5,600.0                                                                                  | 5,540.6               | 5,525.5               | 5,484.6               | 15.4             | 7.2           | 117.56                | 410.2                  | 482.1        | 619.9                  | 600.8                    | 19.06                     | 32.519            |         |                             |  |
| 5,605.0                                                                                  | 5,545.5               | 5,530.4               | 5,489.4               | 15.4             | 7.2           | 117.58                | 410.6                  | 482.8        | 620.9                  | 601.8                    | 19.08                     | 32.535            |         |                             |  |
| 5,700.0                                                                                  | 5,638.7               | 5,623.2               | 5,580.8               | 15.7             | 7.3           | 117.95                | 417.8                  | 497.3        | 640.8                  | 621.3                    | 19.52                     | 32.826            |         |                             |  |
| 5,795.0                                                                                  | 5,732.0               | 5,716.0               | 5,672.2               | 16.0             | 7.4           | 118.30                | 424.9                  | 511.7        | 660.8                  | 640.8                    | 19.96                     | 33.102            |         |                             |  |
| 5,800.0                                                                                  | 5,736.9               | 5,720.8               | 5,677.0               | 16.1             | 7.4           | 118.32                | 425.3                  | 512.5        | 661.8                  | 641.8                    | 19.98                     | 33.116            |         |                             |  |
| 5,889.3                                                                                  | 5,824.6               | 5,808.1               | 5,762.9               | 16.4             | 7.5           | 118.63                | 432.0                  | 526.1        | 680.6                  | 660.2                    | 20.40                     | 33.361            |         |                             |  |
| 5,890.0                                                                                  | 5,825.2               | 5,808.8               | 5,763.6               | 16.4             | 7.5           | 118.63                | 432.0                  | 526.2        | 680.7                  | 660.3                    | 20.40                     | 33.363            |         |                             |  |
| 5,900.0                                                                                  | 5,835.1               | 5,818.5               | 5,773.2               | 16.4             | 7.5           | 118.68                | 432.8                  | 527.7        | 682.8                  | 662.4                    | 20.45                     | 33.390            |         |                             |  |
| 5,985.0                                                                                  | 5,918.6               | 5,901.7               | 5,855.0               | 16.7             | 7.6           | 119.06                | 439.2                  | 540.6        | 700.4                  | 679.5                    | 20.85                     | 33.596            |         |                             |  |
| 6,000.0                                                                                  | 5,933.4               | 5,916.3               | 5,869.5               | 16.7             | 7.6           | 119.11                | 440.3                  | 542.9        | 703.4                  | 682.5                    | 20.92                     | 33.629            |         |                             |  |
| 6,080.0                                                                                  | 6,012.3               | 5,994.8               | 5,946.7               | 17.0             | 7.7           | 119.35                | 446.4                  | 555.1        | 719.2                  | 697.9                    | 21.29                     | 33.783            |         |                             |  |
| 6,100.0                                                                                  | 6,032.1               | 6,014.4               | 5,966.0               | 17.1             | 7.8           | 119.40                | 447.9                  | 558.2        | 723.1                  | 701.7                    | 21.38                     | 33.817            |         |                             |  |
| 6,175.0                                                                                  | 6,106.2               | 6,088.0               | 6,038.6               | 17.3             | 7.8           | 119.52                | 453.5                  | 569.6        | 737.3                  | 715.6                    | 21.73                     | 33.928            |         |                             |  |
| 6,200.0                                                                                  | 6,131.0               | 6,112.6               | 6,062.8               | 17.4             | 7.9           | 119.55                | 455.4                  | 573.5        | 742.0                  | 720.1                    | 21.85                     | 33.959            |         |                             |  |
| 6,270.0                                                                                  | 6,200.4               | 6,181.4               | 6,130.5               | 17.7             | 8.0           | 119.58                | 460.7                  | 584.2        | 754.7                  | 732.5                    | 22.18                     | 34.033            |         |                             |  |
| 6,300.0                                                                                  | 6,230.2               | 6,210.9               | 6,159.6               | 17.8             | 8.0           | 119.58                | 463.0                  | 588.8        | 760.0                  | 737.7                    | 22.32                     | 34.059            |         |                             |  |
| 6,365.0                                                                                  | 6,294.7               | 6,274.9               | 6,222.6               | 18.0             | 8.1           | 119.54                | 467.9                  | 598.7        | 771.3                  | 748.7                    | 22.62                     | 34.102            |         |                             |  |
| 6,400.0                                                                                  | 6,329.5               | 6,309.4               | 6,256.6               | 18.1             | 8.1           | 119.49                | 470.6                  | 604.1        | 777.2                  | 754.4                    | 22.78                     | 34.118            |         |                             |  |
| 6,460.0                                                                                  | 6,389.3               | 6,368.5               | 6,314.8               | 18.3             | 8.2           | 119.39                | 475.1                  | 613.3        | 787.1                  | 764.1                    | 23.06                     | 34.136            |         |                             |  |
| 6,500.0                                                                                  | 6,429.1               | 6,407.9               | 6,353.6               | 18.5             | 8.2           | 119.30                | 478.1                  | 619.4        | 793.6                  | 770.3                    | 23.24                     | 34.141            |         |                             |  |
| 6,555.0                                                                                  | 6,483.9               | 6,462.1               | 6,407.0               | 18.6             | 8.3           | 119.15                | 482.3                  | 627.9        | 802.2                  | 778.7                    | 23.50                     | 34.139            |         |                             |  |
| 6,600.0                                                                                  | 6,528.8               | 6,506.5               | 6,450.7               | 18.8             | 8.4           | 119.00                | 485.7                  | 634.8        | 809.1                  | 785.4                    | 23.71                     | 34.129            |         |                             |  |
| 6,650.0                                                                                  | 6,578.7               | 6,555.8               | 6,499.3               | 19.0             | 8.4           | 118.82                | 489.5                  | 642.5        | 816.6                  | 792.7                    | 23.94                     | 34.112            |         |                             |  |
| 6,700.0                                                                                  | 6,628.6               | 6,605.1               | 6,547.8               | 19.1             | 8.5           | 118.61                | 493.3                  | 650.1        | 823.9                  | 799.8                    | 24.17                     | 34.087            |         |                             |  |
| 6,745.0                                                                                  | 6,673.6               | 6,649.5               | 6,591.5               | 19.3             | 8.6           | 118.40                | 496.7                  | 657.1        | 830.3                  | 806.0                    | 24.38                     | 34.059            |         |                             |  |
| 6,800.0                                                                                  | 6,728.5               | 6,703.8               | 6,645.0               | 19.5             | 8.6           | 118.12                | 500.9                  | 665.5        | 838.0                  | 813.3                    | 24.63                     | 34.016            |         |                             |  |
| 6,840.0                                                                                  | 6,768.5               | 6,743.2               | 6,683.8               | 19.6             | 8.7           | 117.90                | 503.9                  | 671.6        | 843.4                  | 818.6                    | 24.82                     | 33.981            |         |                             |  |
| 6,900.0                                                                                  | 6,828.5               | 6,802.3               | 6,742.0               | 19.8             | 8.8           | 117.54                | 508.5                  | 680.8        | 851.3                  | 826.2                    | 25.10                     | 33.920            |         |                             |  |
| 6,935.0                                                                                  | 6,863.5               | 6,836.8               | 6,776.0               | 19.9             | 8.8           | 117.32                | 511.1                  | 686.2        | 855.8                  | 830.5                    | 25.26                     | 33.882            |         |                             |  |
| 6,989.5                                                                                  | 6,918.0               | 6,896.7               | 6,835.0               | 20.1             | 8.9           | 108.44                | 515.6                  | 695.3        | 862.5                  | 836.9                    | 25.53                     | 33.778            |         |                             |  |
| 7,000.0                                                                                  | 6,928.5               | 6,908.3               | 6,846.4               | 20.1             | 8.9           | 108.35                | 516.5                  | 697.0        | 863.7                  | 838.1                    | 25.59                     | 33.757            |         |                             |  |
| 7,030.0                                                                                  | 6,958.5               | 6,941.5               | 6,879.2               | 20.2             | 8.9           | 108.10                | 518.8                  | 701.7        | 867.1                  | 841.4                    | 25.74                     | 33.692            |         |                             |  |
| 7,100.0                                                                                  | 7,028.5               | 7,019.2               | 6,956.1               | 20.4             | 9.0           | 107.56                | 524.0                  | 712.1        | 874.7                  | 848.6                    | 26.09                     | 33.526            |         |                             |  |
| 7,125.0                                                                                  | 7,053.5               | 7,047.1               | 6,983.7               | 20.5             | 9.1           | 107.39                | 525.7                  | 715.6        | 877.2                  | 851.0                    | 26.21                     | 33.463            |         |                             |  |
| 7,200.0                                                                                  | 7,128.5               | 7,130.8               | 7,066.7               | 20.7             | 9.2           | 106.90                | 530.5                  | 725.4        | 884.4                  | 857.8                    | 26.59                     | 33.258            |         |                             |  |
| 7,220.0                                                                                  | 7,148.5               | 7,153.2               | 7,088.9               | 20.8             | 9.2           | 106.77                | 531.7                  | 727.9        | 886.1                  | 859.4                    | 26.69                     | 33.200            |         |                             |  |
| 7,300.0                                                                                  | 7,228.5               | 7,242.9               | 7,178.1               | 21.1             | 9.3           | 106.33                | 536.2                  | 736.8        | 892.7                  | 865.6                    | 27.09                     | 32.954            |         |                             |  |
| 7,315.0                                                                                  | 7,243.5               | 7,259.8               | 7,194.9               | 21.1             | 9.3           | 106.26                | 536.9                  | 738.4        | 893.8                  | 866.7                    | 27.16                     | 32.906            |         |                             |  |
| 7,400.0                                                                                  | 7,328.5               | 7,355.5               | 7,290.2               | 21.4             | 9.4           | 105.88                | 540.9                  | 746.4        | 899.7                  | 872.1                    | 27.58                     | 32.618            |         |                             |  |
| 7,410.0                                                                                  | 7,338.5               | 7,366.8               | 7,301.4               | 21.4             | 9.5           | 105.84                | 541.3                  | 747.2        | 900.3                  | 872.7                    | 27.61                     | 32.605            |         |                             |  |
| 7,437.5                                                                                  | 7,366.0               | 7,397.9               | 7,332.4               | 21.5             | 9.5           | 105.73                | 542.4                  | 749.4        | 901.9                  | 874.2                    | 27.69                     | 32.567            |         |                             |  |
| 7,450.0                                                                                  | 7,378.5               | 7,412.0               | 7,346.4               | 21.5             | 9.5           | -74.76                | 542.9                  | 750.4        | 902.6                  | 874.9                    | 27.71                     | 32.569            |         |                             |  |
| 7,500.0                                                                                  | 7,428.4               | 7,468.2               | 7,402.6               | 21.5             | 9.6           | -74.98                | 544.6                  | 753.9        | 904.3                  | 876.5                    | 27.79                     | 32.539            |         |                             |  |
| 7,505.0                                                                                  | 7,433.4               | 7,473.8               | 7,408.2               | 21.6             | 9.6           | -75.02                | 544.8                  | 754.2        | 904.4                  | 876.6                    | 27.80                     | 32.533            |         |                             |  |
| 7,550.0                                                                                  | 7,477.8               | 7,524.0               | 7,458.2               | 21.7             | 9.6           | -75.60                | 546.1                  | 756.9        | 904.7                  | 876.8                    | 27.87                     | 32.456            |         |                             |  |
| 7,600.0                                                                                  | 7,526.3               | 7,578.8               | 7,512.9               | 21.9             | 9.7           | -76.61                | 547.3                  | 759.3        | 903.7                  | 875.7                    | 27.95                     | 32.332            |         |                             |  |
| 7,650.0                                                                                  | 7,573.7               | 7,632.2               | 7,566.4               | 22.1             | 9.7           | -77.96                | 548.3                  | 761.3        | 901.6                  | 873.6                    | 28.02                     | 32.173            |         |                             |  |
| 7,695.0                                                                                  | 7,614.9               | 7,679.0               | 7,613.1               | 22.2             | 9.8           | -79.44                | 548.9                  | 762.6        | 899.0                  | 870.9                    | 28.09                     | 32.005            |         |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #706H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8492-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>             |          |
| 7,700.0                                                                                         | 7,619.4                      | 7,684.1                      | 7,618.1                      | 22.2                    | 9.8                  | -79.61                       | 549.0                                      | 762.8                     | 898.7                         | 870.6                          | 28.10                     | 31.985   |
| 7,750.0                                                                                         | 7,663.2                      | 7,733.9                      | 7,667.9                      | 22.4                    | 9.8                  | -81.50                       | 549.5                                      | 763.8                     | 895.2                         | 867.1                          | 28.18                     | 31.774   |
| 7,790.0                                                                                         | 7,696.7                      | 7,772.0                      | 7,706.1                      | 22.5                    | 9.9                  | -83.14                       | 549.8                                      | 764.3                     | 892.3                         | 864.1                          | 28.24                     | 31.595   |
| 7,800.0                                                                                         | 7,704.8                      | 7,781.3                      | 7,715.3                      | 22.5                    | 9.9                  | -83.56                       | 549.8                                      | 764.4                     | 891.6                         | 863.4                          | 28.26                     | 31.549   |
| 7,850.0                                                                                         | 7,743.8                      | 7,826.0                      | 7,760.0                      | 22.7                    | 9.9                  | -85.70                       | 549.9                                      | 764.7                     | 888.2                         | 859.9                          | 28.35                     | 31.328   |
| 7,885.0                                                                                         | 7,769.4                      | 7,853.3                      | 7,787.4                      | 22.8                    | 10.0                 | -87.11                       | 549.9                                      | 764.7                     | 886.2                         | 857.8                          | 28.41                     | 31.191   |
| 7,900.0                                                                                         | 7,779.9                      | 7,863.8                      | 7,797.9                      | 22.8                    | 10.0                 | -87.66                       | 549.9                                      | 764.7                     | 885.5                         | 857.1                          | 28.44                     | 31.138   |
| 7,950.0                                                                                         | 7,812.9                      | 7,896.8                      | 7,830.9                      | 22.9                    | 10.0                 | -89.41                       | 549.9                                      | 764.7                     | 884.1                         | 855.6                          | 28.54                     | 30.978   |
| 7,968.5                                                                                         | 7,824.2                      | 7,908.1                      | 7,842.2                      | 22.9                    | 10.0                 | -90.00                       | 549.9                                      | 764.7                     | 884.0                         | 855.4                          | 28.58                     | 30.925   |
| 7,980.0                                                                                         | 7,831.0                      | 7,915.0                      | 7,849.0                      | 22.9                    | 10.0                 | -90.35                       | 549.9                                      | 764.7                     | 884.0                         | 855.4                          | 28.61                     | 30.895   |
| 8,000.0                                                                                         | 7,842.4                      | 7,926.4                      | 7,860.4                      | 23.0                    | 10.0                 | -90.93                       | 549.9                                      | 764.7                     | 884.4                         | 855.7                          | 28.67                     | 30.848   |
| 8,050.0                                                                                         | 7,868.4                      | 7,952.3                      | 7,886.4                      | 23.1                    | 10.1                 | -92.13                       | 549.9                                      | 764.7                     | 886.6                         | 857.8                          | 28.83                     | 30.758   |
| 8,075.0                                                                                         | 7,879.9                      | 7,963.8                      | 7,897.9                      | 23.1                    | 10.1                 | -92.60                       | 549.9                                      | 764.7                     | 888.6                         | 859.7                          | 28.92                     | 30.731   |
| 8,100.0                                                                                         | 7,890.5                      | 7,974.4                      | 7,908.5                      | 23.1                    | 10.1                 | -92.95                       | 549.9                                      | 764.7                     | 891.2                         | 862.2                          | 29.01                     | 30.719   |
| 8,150.0                                                                                         | 7,908.6                      | 7,992.5                      | 7,926.6                      | 23.2                    | 10.1                 | -93.33                       | 549.9                                      | 764.7                     | 898.3                         | 869.1                          | 29.22                     | 30.738   |
| 8,170.0                                                                                         | 7,914.7                      | 7,998.6                      | 7,932.7                      | 23.2                    | 10.1                 | -93.34                       | 549.9                                      | 764.7                     | 901.9                         | 872.6                          | 29.32                     | 30.764   |
| 8,200.0                                                                                         | 7,922.6                      | 8,006.5                      | 7,940.6                      | 23.2                    | 10.1                 | -93.20                       | 549.9                                      | 764.7                     | 908.1                         | 878.6                          | 29.46                     | 30.825   |
| 8,250.0                                                                                         | 7,932.3                      | 8,016.3                      | 7,950.3                      | 23.2                    | 10.1                 | -92.53                       | 549.9                                      | 764.7                     | 920.5                         | 890.8                          | 29.71                     | 30.985   |
| 8,265.0                                                                                         | 7,934.4                      | 8,018.4                      | 7,952.4                      | 23.2                    | 10.1                 | -92.22                       | 549.9                                      | 764.7                     | 924.8                         | 895.0                          | 29.79                     | 31.048   |
| 8,300.0                                                                                         | 7,937.8                      | 8,021.7                      | 7,955.8                      | 23.2                    | 10.1                 | -91.30                       | 549.9                                      | 764.7                     | 935.6                         | 905.7                          | 29.97                     | 31.223   |
| 8,336.0                                                                                         | 7,939.0                      | 8,022.9                      | 7,957.0                      | 23.2                    | 10.1                 | -90.06                       | 549.9                                      | 764.7                     | 948.0                         | 917.9                          | 30.15                     | 31.443   |
| 8,360.0                                                                                         | 7,939.1                      | 8,023.0                      | 7,957.1                      | 23.2                    | 10.1                 | -90.06                       | 549.9                                      | 764.7                     | 957.0                         | 926.7                          | 30.27                     | 31.610   |
| 8,400.0                                                                                         | 7,939.2                      | 8,023.1                      | 7,957.2                      | 23.2                    | 10.1                 | -90.07                       | 549.9                                      | 764.7                     | 973.0                         | 942.5                          | 30.48                     | 31.926   |
| 8,455.0                                                                                         | 7,939.3                      | 8,023.3                      | 7,957.3                      | 23.2                    | 10.1                 | -90.08                       | 549.9                                      | 764.7                     | 997.2                         | 966.5                          | 30.76                     | 32.424   |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #707H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8452-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum</b>      |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                | <b>Factor</b>             |          |
| 0.0                                                                                             | 0.0                          | 18.0                         | 18.0                         | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         |                                |                |                           |          |
| 95.0                                                                                            | 95.0                         | 113.0                        | 113.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.7                          | 6.00           | 32.944                    |          |
| 100.0                                                                                           | 100.0                        | 118.0                        | 118.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.7                          | 6.00           | 32.943                    |          |
| 190.0                                                                                           | 190.0                        | 208.0                        | 208.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.7                          | 6.01           | 32.892                    |          |
| 200.0                                                                                           | 200.0                        | 218.0                        | 218.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.7                          | 6.01           | 32.883                    |          |
| 285.0                                                                                           | 285.0                        | 303.0                        | 303.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.7                          | 6.03           | 32.784                    |          |
| 300.0                                                                                           | 300.0                        | 318.0                        | 318.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.7                          | 6.03           | 32.762                    |          |
| 380.0                                                                                           | 380.0                        | 398.0                        | 398.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.6                          | 6.06           | 32.622                    |          |
| 400.0                                                                                           | 400.0                        | 418.0                        | 418.0                        | 3.0                     | 3.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.6                          | 6.07           | 32.581                    |          |
| 475.0                                                                                           | 475.0                        | 493.0                        | 493.0                        | 3.0                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.6                          | 6.10           | 32.408                    |          |
| 500.0                                                                                           | 500.0                        | 518.0                        | 518.0                        | 3.1                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.6                          | 6.11           | 32.343                    |          |
| 570.0                                                                                           | 570.0                        | 588.0                        | 588.0                        | 3.1                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.5                          | 6.15           | 32.145                    |          |
| 600.0                                                                                           | 600.0                        | 618.0                        | 618.0                        | 3.1                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.5                          | 6.17           | 32.052                    |          |
| 665.0                                                                                           | 665.0                        | 683.0                        | 683.0                        | 3.1                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.5                          | 6.21           | 31.836                    |          |
| 700.0                                                                                           | 700.0                        | 718.0                        | 718.0                        | 3.1                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.5                          | 6.23           | 31.712                    |          |
| 760.0                                                                                           | 760.0                        | 778.0                        | 778.0                        | 3.1                     | 3.1                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.4                          | 6.28           | 31.487                    |          |
| 800.0                                                                                           | 800.0                        | 818.0                        | 818.0                        | 3.2                     | 3.2                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.4                          | 6.31           | 31.328                    |          |
| 855.0                                                                                           | 855.0                        | 873.0                        | 873.0                        | 3.2                     | 3.2                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.3                          | 6.36           | 31.100                    |          |
| 900.0                                                                                           | 900.0                        | 918.0                        | 918.0                        | 3.2                     | 3.2                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.3                          | 6.40           | 30.906                    |          |
| 950.0                                                                                           | 950.0                        | 968.0                        | 968.0                        | 3.2                     | 3.2                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.3                          | 6.44           | 30.682                    |          |
| 1,000.0                                                                                         | 1,000.0                      | 1,018.0                      | 1,018.0                      | 3.2                     | 3.3                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.2                          | 6.49           | 30.450                    |          |
| 1,045.0                                                                                         | 1,045.0                      | 1,063.0                      | 1,063.0                      | 3.3                     | 3.3                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.2                          | 6.54           | 30.235                    |          |
| 1,100.0                                                                                         | 1,100.0                      | 1,118.0                      | 1,118.0                      | 3.3                     | 3.3                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.1                          | 6.60           | 29.966                    |          |
| 1,140.0                                                                                         | 1,140.0                      | 1,158.0                      | 1,158.0                      | 3.3                     | 3.3                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.1                          | 6.64           | 29.766                    |          |
| 1,200.0                                                                                         | 1,200.0                      | 1,218.0                      | 1,218.0                      | 3.4                     | 3.4                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 191.0                          | 6.71           | 29.459                    |          |
| 1,235.0                                                                                         | 1,235.0                      | 1,253.0                      | 1,253.0                      | 3.4                     | 3.4                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.9                          | 6.75           | 29.278                    |          |
| 1,300.0                                                                                         | 1,300.0                      | 1,318.0                      | 1,318.0                      | 3.4                     | 3.4                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.9                          | 6.83           | 28.935                    |          |
| 1,330.0                                                                                         | 1,330.0                      | 1,348.0                      | 1,348.0                      | 3.4                     | 3.4                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.8                          | 6.87           | 28.775                    |          |
| 1,400.0                                                                                         | 1,400.0                      | 1,418.0                      | 1,418.0                      | 3.5                     | 3.5                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.7                          | 6.96           | 28.397                    |          |
| 1,425.0                                                                                         | 1,425.0                      | 1,443.0                      | 1,443.0                      | 3.5                     | 3.5                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.7                          | 7.00           | 28.260                    |          |
| 1,500.0                                                                                         | 1,500.0                      | 1,518.0                      | 1,518.0                      | 3.5                     | 3.6                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.6                          | 7.10           | 27.849                    |          |
| 1,520.0                                                                                         | 1,520.0                      | 1,538.0                      | 1,538.0                      | 3.6                     | 3.6                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.6                          | 7.13           | 27.739                    |          |
| 1,600.0                                                                                         | 1,600.0                      | 1,618.0                      | 1,618.0                      | 3.6                     | 3.6                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.5                          | 7.24           | 27.296                    |          |
| 1,615.0                                                                                         | 1,615.0                      | 1,633.0                      | 1,633.0                      | 3.6                     | 3.6                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.4                          | 7.26           | 27.213                    |          |
| 1,700.0                                                                                         | 1,700.0                      | 1,718.0                      | 1,718.0                      | 3.7                     | 3.7                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.3                          | 7.39           | 26.741                    |          |
| 1,710.0                                                                                         | 1,710.0                      | 1,728.0                      | 1,728.0                      | 3.7                     | 3.7                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.3                          | 7.41           | 26.686                    |          |
| 1,800.0                                                                                         | 1,800.0                      | 1,818.0                      | 1,818.0                      | 3.8                     | 3.8                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.1                          | 7.55           | 26.187                    |          |
| 1,805.0                                                                                         | 1,805.0                      | 1,823.0                      | 1,823.0                      | 3.8                     | 3.8                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.1                          | 7.56           | 26.159                    |          |
| 1,900.0                                                                                         | 1,900.0                      | 1,918.0                      | 1,918.0                      | 3.9                     | 3.9                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 190.0                          | 7.71           | 25.636                    |          |
| 1,995.0                                                                                         | 1,995.0                      | 2,013.0                      | 2,013.0                      | 3.9                     | 3.9                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 189.8                          | 7.87           | 25.117                    |          |
| 2,000.0                                                                                         | 2,000.0                      | 2,018.0                      | 2,018.0                      | 3.9                     | 4.0                  | 5.78                         | 196.7                                      | 19.9                | 197.7                         | 189.8                          | 7.88           | 25.090                    |          |
| 2,090.0                                                                                         | 2,090.0                      | 2,108.0                      | 2,108.0                      | 4.1                     | 4.0                  | 14.38                        | 196.7                                      | 19.9                | 196.3                         | 188.2                          | 8.16           | 24.064                    |          |
| 2,100.0                                                                                         | 2,100.0                      | 2,118.0                      | 2,118.0                      | 4.2                     | 4.0                  | 14.40                        | 196.7                                      | 19.9                | 196.0                         | 187.8                          | 8.19           | 23.930                    |          |
| 2,185.0                                                                                         | 2,184.9                      | 2,202.9                      | 2,202.9                      | 4.7                     | 4.1                  | 14.74                        | 196.7                                      | 19.9                | 191.9                         | 183.1                          | 8.83           | 21.728                    |          |
| 2,200.0                                                                                         | 2,199.8                      | 2,217.8                      | 2,217.8                      | 4.8                     | 4.1                  | 14.82                        | 196.7                                      | 19.9                | 190.9                         | 182.0                          | 8.95           | 21.329                    |          |
| 2,280.0                                                                                         | 2,279.6                      | 2,297.6                      | 2,297.6                      | 5.3                     | 4.2                  | 15.38                        | 196.7                                      | 19.9                | 184.5                         | 175.0                          | 9.51           | 19.399                    |          |
| 2,300.0                                                                                         | 2,299.5                      | 2,317.5                      | 2,317.5                      | 5.4                     | 4.2                  | 15.56                        | 196.7                                      | 19.9                | 182.5                         | 172.9                          | 9.65           | 18.909                    |          |
| 2,375.0                                                                                         | 2,373.9                      | 2,391.9                      | 2,391.9                      | 5.9                     | 4.3                  | 16.39                        | 196.7                                      | 19.9                | 174.0                         | 163.9                          | 10.14          | 17.159                    |          |
| 2,400.0                                                                                         | 2,398.7                      | 2,416.7                      | 2,416.7                      | 6.0                     | 4.3                  | 16.73                        | 196.7                                      | 19.9                | 170.8                         | 160.5                          | 10.31          | 16.570                    |          |
| 2,470.0                                                                                         | 2,467.9                      | 2,485.9                      | 2,485.9                      | 6.4                     | 4.4                  | 17.87                        | 196.7                                      | 19.9                | 160.7                         | 150.0                          | 10.74          | 14.961                    |          |
| 2,500.0                                                                                         | 2,497.5                      | 2,514.8                      | 2,514.8                      | 6.6                     | 4.4                  | 18.47                        | 196.7                                      | 20.0                | 155.9                         | 145.0                          | 10.92          | 14.272                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #707H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8452-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum</b>      |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                | <b>Factor</b>             |          |
| 2,550.1                                                                                         | 2,546.7                      | 2,561.9                      | 2,561.9                      | 6.7                     | 4.4                  | 19.72                        | 197.2                                      | 20.4                | 147.8                         | 136.8                          | 11.07          | 13.361                    |          |
| 2,565.0                                                                                         | 2,561.4                      | 2,576.0                      | 2,576.0                      | 6.7                     | 4.5                  | 20.15                        | 197.4                                      | 20.6                | 145.5                         | 134.4                          | 11.09          | 13.115                    |          |
| 2,600.0                                                                                         | 2,595.7                      | 2,609.0                      | 2,609.0                      | 6.7                     | 4.5                  | 21.26                        | 198.3                                      | 21.3                | 140.2                         | 129.0                          | 11.15          | 12.571                    |          |
| 2,660.0                                                                                         | 2,654.6                      | 2,665.8                      | 2,665.7                      | 6.8                     | 4.5                  | 23.54                        | 200.3                                      | 23.1                | 132.1                         | 120.9                          | 11.25          | 11.747                    |          |
| 2,700.0                                                                                         | 2,693.9                      | 2,703.8                      | 2,703.6                      | 6.9                     | 4.6                  | 25.33                        | 202.2                                      | 24.7                | 127.5                         | 116.2                          | 11.30          | 11.281                    |          |
| 2,755.0                                                                                         | 2,747.9                      | 2,756.0                      | 2,755.7                      | 7.0                     | 4.6                  | 28.15                        | 205.3                                      | 27.4                | 122.1                         | 110.7                          | 11.37          | 10.738                    |          |
| 2,800.0                                                                                         | 2,792.0                      | 2,800.0                      | 2,799.5                      | 7.1                     | 4.6                  | 30.82                        | 208.6                                      | 30.2                | 118.7                         | 107.3                          | 11.42          | 10.396                    |          |
| 2,850.0                                                                                         | 2,841.1                      | 2,846.5                      | 2,845.6                      | 7.1                     | 4.7                  | 33.89                        | 212.5                                      | 33.6                | 116.0                         | 104.5                          | 11.44          | 10.133                    |          |
| 2,900.0                                                                                         | 2,890.2                      | 2,895.8                      | 2,894.6                      | 7.2                     | 4.7                  | 37.33                        | 217.1                                      | 37.5                | 114.1                         | 102.6                          | 11.46          | 9.957                     |          |
| 2,945.0                                                                                         | 2,934.4                      | 2,940.3                      | 2,938.8                      | 7.3                     | 4.8                  | 40.53                        | 221.2                                      | 41.1                | 112.8                         | 101.3                          | 11.46          | 9.841                     |          |
| 3,000.0                                                                                         | 2,988.4                      | 2,994.7                      | 2,992.8                      | 7.4                     | 4.8                  | 44.52                        | 226.2                                      | 45.4                | 111.7                         | 100.3                          | 11.45          | 9.759                     |          |
| 3,040.0                                                                                         | 3,027.6                      | 3,034.3                      | 3,032.1                      | 7.5                     | 4.8                  | 47.45                        | 229.8                                      | 48.6                | 111.3                         | 99.8                           | 11.43          | 9.737 SF                  |          |
| 3,078.9                                                                                         | 3,065.8                      | 3,072.8                      | 3,070.3                      | 7.6                     | 4.9                  | 50.33                        | 233.4                                      | 51.7                | 111.1                         | 99.7                           | 11.40          | 9.747 CC, ES              |          |
| 3,100.0                                                                                         | 3,086.5                      | 3,093.7                      | 3,091.0                      | 7.7                     | 4.9                  | 51.89                        | 235.3                                      | 53.3                | 111.2                         | 99.8                           | 11.38          | 9.765                     |          |
| 3,135.0                                                                                         | 3,120.9                      | 3,128.3                      | 3,125.4                      | 7.7                     | 4.9                  | 54.46                        | 238.5                                      | 56.1                | 111.4                         | 100.1                          | 11.35          | 9.812                     |          |
| 3,200.0                                                                                         | 3,184.7                      | 3,192.6                      | 3,189.2                      | 7.9                     | 5.0                  | 59.20                        | 244.4                                      | 61.2                | 112.5                         | 101.2                          | 11.30          | 9.959                     |          |
| 3,230.0                                                                                         | 3,214.1                      | 3,222.3                      | 3,218.7                      | 8.0                     | 5.0                  | 61.35                        | 247.2                                      | 63.6                | 113.2                         | 102.0                          | 11.27          | 10.048                    |          |
| 3,300.0                                                                                         | 3,282.8                      | 3,291.6                      | 3,287.4                      | 8.1                     | 5.1                  | 66.24                        | 253.5                                      | 69.1                | 115.6                         | 104.4                          | 11.22          | 10.307                    |          |
| 3,325.0                                                                                         | 3,307.4                      | 3,316.3                      | 3,312.0                      | 8.2                     | 5.1                  | 67.94                        | 255.8                                      | 71.1                | 116.7                         | 105.5                          | 11.20          | 10.414                    |          |
| 3,400.0                                                                                         | 3,381.0                      | 3,390.5                      | 3,385.6                      | 8.4                     | 5.2                  | 72.82                        | 262.7                                      | 77.0                | 120.4                         | 109.3                          | 11.18          | 10.770                    |          |
| 3,420.0                                                                                         | 3,400.6                      | 3,410.3                      | 3,405.3                      | 8.4                     | 5.2                  | 74.07                        | 264.5                                      | 78.6                | 121.6                         | 110.4                          | 11.18          | 10.872                    |          |
| 3,500.0                                                                                         | 3,479.2                      | 3,489.5                      | 3,483.8                      | 8.7                     | 5.3                  | 78.83                        | 271.8                                      | 84.9                | 126.7                         | 115.5                          | 11.21          | 11.304                    |          |
| 3,515.0                                                                                         | 3,493.9                      | 3,504.3                      | 3,498.6                      | 8.7                     | 5.3                  | 79.68                        | 273.1                                      | 86.1                | 127.8                         | 116.6                          | 11.22          | 11.387                    |          |
| 3,600.0                                                                                         | 3,577.3                      | 3,588.4                      | 3,582.0                      | 8.9                     | 5.3                  | 84.23                        | 280.9                                      | 92.8                | 134.3                         | 123.0                          | 11.31          | 11.872                    |          |
| 3,610.0                                                                                         | 3,587.1                      | 3,598.3                      | 3,591.9                      | 9.0                     | 5.4                  | 84.74                        | 281.8                                      | 93.6                | 135.1                         | 123.8                          | 11.33          | 11.930                    |          |
| 3,700.0                                                                                         | 3,675.5                      | 3,687.4                      | 3,680.2                      | 9.2                     | 5.4                  | 89.02                        | 290.0                                      | 100.7               | 143.0                         | 131.5                          | 11.48          | 12.449                    |          |
| 3,705.0                                                                                         | 3,680.4                      | 3,692.3                      | 3,685.2                      | 9.2                     | 5.4                  | 89.25                        | 290.5                                      | 101.1               | 143.4                         | 131.9                          | 11.49          | 12.477                    |          |
| 3,800.0                                                                                         | 3,773.7                      | 3,786.3                      | 3,778.5                      | 9.5                     | 5.5                  | 93.25                        | 299.1                                      | 108.5               | 152.5                         | 140.8                          | 11.71          | 13.018                    |          |
| 3,895.0                                                                                         | 3,866.9                      | 3,880.3                      | 3,871.7                      | 9.8                     | 5.6                  | 96.79                        | 307.8                                      | 116.0               | 162.2                         | 150.2                          | 11.98          | 13.544                    |          |
| 3,900.0                                                                                         | 3,871.8                      | 3,885.2                      | 3,876.7                      | 9.8                     | 5.6                  | 96.97                        | 308.3                                      | 116.4               | 162.7                         | 150.8                          | 11.99          | 13.571                    |          |
| 3,990.0                                                                                         | 3,960.2                      | 3,974.3                      | 3,965.0                      | 10.1                    | 5.7                  | 99.93                        | 316.5                                      | 123.5               | 172.5                         | 160.2                          | 12.28          | 14.052                    |          |
| 4,000.0                                                                                         | 3,970.0                      | 3,984.2                      | 3,974.9                      | 10.1                    | 5.7                  | 100.24                       | 317.4                                      | 124.3               | 173.6                         | 161.3                          | 12.31          | 14.104                    |          |
| 4,085.0                                                                                         | 4,053.4                      | 4,068.3                      | 4,058.3                      | 10.3                    | 5.8                  | 102.71                       | 325.1                                      | 131.0               | 183.2                         | 170.6                          | 12.60          | 14.540                    |          |
| 4,100.0                                                                                         | 4,068.1                      | 4,083.1                      | 4,073.1                      | 10.4                    | 5.8                  | 103.12                       | 326.5                                      | 132.2               | 185.0                         | 172.3                          | 12.66          | 14.615                    |          |
| 4,180.0                                                                                         | 4,146.7                      | 4,162.3                      | 4,151.6                      | 10.6                    | 5.9                  | 105.18                       | 333.8                                      | 138.5               | 194.4                         | 181.4                          | 12.95          | 15.008                    |          |
| 4,200.0                                                                                         | 4,166.3                      | 4,182.1                      | 4,171.3                      | 10.7                    | 5.9                  | 105.66                       | 335.6                                      | 140.1               | 196.7                         | 183.7                          | 13.03          | 15.104                    |          |
| 4,275.0                                                                                         | 4,239.9                      | 4,256.3                      | 4,244.9                      | 10.9                    | 6.0                  | 107.37                       | 342.5                                      | 146.0               | 205.8                         | 192.5                          | 13.31          | 15.457                    |          |
| 4,300.0                                                                                         | 4,264.5                      | 4,281.0                      | 4,269.5                      | 11.0                    | 6.0                  | 107.91                       | 344.7                                      | 148.0               | 208.9                         | 195.4                          | 13.41          | 15.572                    |          |
| 4,370.0                                                                                         | 4,333.2                      | 4,350.3                      | 4,338.2                      | 11.2                    | 6.1                  | 109.34                       | 351.1                                      | 153.5               | 217.5                         | 203.8                          | 13.69          | 15.887                    |          |
| 4,400.0                                                                                         | 4,362.6                      | 4,380.0                      | 4,367.7                      | 11.3                    | 6.1                  | 109.92                       | 353.9                                      | 155.9               | 221.2                         | 207.4                          | 13.81          | 16.019                    |          |
| 4,465.0                                                                                         | 4,426.4                      | 4,444.3                      | 4,431.5                      | 11.5                    | 6.2                  | 111.11                       | 359.8                                      | 161.0               | 229.4                         | 215.4                          | 14.08          | 16.298                    |          |
| 4,500.0                                                                                         | 4,460.8                      | 4,478.9                      | 4,465.9                      | 11.6                    | 6.3                  | 111.71                       | 363.0                                      | 163.8               | 233.9                         | 219.7                          | 14.22          | 16.445                    |          |
| 4,560.0                                                                                         | 4,519.7                      | 4,538.3                      | 4,524.8                      | 11.8                    | 6.3                  | 112.70                       | 368.4                                      | 168.5               | 241.6                         | 227.1                          | 14.47          | 16.692                    |          |
| 4,600.0                                                                                         | 4,559.0                      | 4,577.9                      | 4,564.1                      | 12.0                    | 6.4                  | 113.32                       | 372.1                                      | 171.7               | 246.7                         | 232.1                          | 14.64          | 16.853                    |          |
| 4,655.0                                                                                         | 4,612.9                      | 4,632.3                      | 4,618.1                      | 12.1                    | 6.4                  | 114.13                       | 377.1                                      | 176.0               | 253.9                         | 239.0                          | 14.87          | 17.069                    |          |
| 4,700.0                                                                                         | 4,657.1                      | 4,676.8                      | 4,662.3                      | 12.3                    | 6.5                  | 114.77                       | 381.2                                      | 179.6               | 259.7                         | 244.7                          | 15.06          | 17.241                    |          |
| 4,750.0                                                                                         | 4,706.2                      | 4,726.3                      | 4,711.4                      | 12.5                    | 6.5                  | 115.44                       | 385.8                                      | 183.5               | 266.3                         | 251.0                          | 15.28          | 17.429                    |          |
| 4,800.0                                                                                         | 4,755.3                      | 4,775.8                      | 4,760.5                      | 12.6                    | 6.6                  | 116.08                       | 390.3                                      | 187.4               | 272.9                         | 257.4                          | 15.49          | 17.612                    |          |
| 4,845.0                                                                                         | 4,799.4                      | 4,820.3                      | 4,804.7                      | 12.8                    | 6.6                  | 116.62                       | 394.4                                      | 191.0               | 278.9                         | 263.2                          | 15.69          | 17.774                    |          |
| 4,900.0                                                                                         | 4,853.4                      | 4,874.7                      | 4,858.7                      | 13.0                    | 6.7                  | 117.26                       | 399.5                                      | 195.3               | 286.2                         | 270.3                          | 15.93          | 17.966                    |          |
| 4,940.0                                                                                         | 4,892.7                      | 4,914.3                      | 4,898.0                      | 13.1                    | 6.7                  | 117.71                       | 403.1                                      | 198.5               | 291.5                         | 275.4                          | 16.10          | 18.103                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #707H - OWB - PWP0 |                       |                       |                       |                  |               |                        |              |              |                        |                          |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|--------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 8452-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                        |              |              |                        |                          |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                                |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Rule Assigned:         |                          |                           |                   | Warning                     |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Distance Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                             |  |
| 5,000.0                                                                                  | 4,951.6               | 4,973.6               | 4,956.9               | 13.3             | 6.8           | 118.35                 | 408.6        | 203.2        | 299.6                  | 283.2                    | 16.37                     | 18.304            |                             |  |
| 5,035.0                                                                                  | 4,986.0               | 5,008.3               | 4,991.3               | 13.4             | 6.8           | 118.71                 | 411.8        | 206.0        | 304.3                  | 287.8                    | 16.52                     | 18.419            |                             |  |
| 5,100.0                                                                                  | 5,049.8               | 5,072.6               | 5,055.2               | 13.6             | 6.9           | 119.34                 | 417.7        | 211.1        | 313.1                  | 296.3                    | 16.81                     | 18.626            |                             |  |
| 5,130.0                                                                                  | 5,079.2               | 5,102.3               | 5,084.6               | 13.7             | 6.9           | 119.62                 | 420.4        | 213.5        | 317.1                  | 300.2                    | 16.94                     | 18.720            |                             |  |
| 5,200.0                                                                                  | 5,147.9               | 5,171.5               | 5,153.4               | 14.0             | 7.0           | 120.25                 | 426.8        | 219.0        | 326.7                  | 309.4                    | 17.25                     | 18.934            |                             |  |
| 5,225.0                                                                                  | 5,172.5               | 5,196.3               | 5,177.9               | 14.1             | 7.0           | 120.46                 | 429.1        | 221.0        | 330.1                  | 312.7                    | 17.36                     | 19.008            |                             |  |
| 5,300.0                                                                                  | 5,246.1               | 5,270.5               | 5,251.6               | 14.3             | 7.1           | 121.08                 | 435.9        | 226.9        | 340.3                  | 322.6                    | 17.70                     | 19.227            |                             |  |
| 5,320.0                                                                                  | 5,265.7               | 5,290.3               | 5,271.2               | 14.4             | 7.1           | 121.24                 | 437.8        | 228.5        | 343.1                  | 325.3                    | 17.79                     | 19.284            |                             |  |
| 5,400.0                                                                                  | 5,344.2               | 5,369.4               | 5,349.8               | 14.7             | 7.2           | 121.86                 | 445.0        | 234.8        | 354.0                  | 335.9                    | 18.15                     | 19.507            |                             |  |
| 5,415.0                                                                                  | 5,359.0               | 5,384.3               | 5,364.5               | 14.7             | 7.3           | 121.97                 | 446.4        | 236.0        | 356.1                  | 337.9                    | 18.22                     | 19.547            |                             |  |
| 5,500.0                                                                                  | 5,442.4               | 5,468.4               | 5,448.0               | 15.0             | 7.3           | 122.57                 | 454.2        | 242.7        | 367.8                  | 349.2                    | 18.60                     | 19.774            |                             |  |
| 5,510.0                                                                                  | 5,452.2               | 5,478.3               | 5,457.8               | 15.0             | 7.4           | 122.64                 | 455.1        | 243.5        | 369.2                  | 350.5                    | 18.65                     | 19.800            |                             |  |
| 5,600.0                                                                                  | 5,540.6               | 5,567.3               | 5,546.2               | 15.4             | 7.5           | 123.23                 | 463.3        | 250.6        | 381.6                  | 362.6                    | 19.06                     | 20.028            |                             |  |
| 5,605.0                                                                                  | 5,545.5               | 5,572.3               | 5,551.1               | 15.4             | 7.5           | 123.26                 | 463.7        | 250.9        | 382.3                  | 363.3                    | 19.08                     | 20.041            |                             |  |
| 5,700.0                                                                                  | 5,638.7               | 5,667.8               | 5,646.0               | 15.7             | 7.6           | 123.95                 | 472.1        | 258.1        | 395.4                  | 375.8                    | 19.52                     | 20.258            |                             |  |
| 5,795.0                                                                                  | 5,732.0               | 5,763.4               | 5,741.1               | 16.0             | 7.7           | 124.80                 | 479.2        | 264.3        | 408.1                  | 388.1                    | 19.96                     | 20.447            |                             |  |
| 5,800.0                                                                                  | 5,736.9               | 5,768.4               | 5,746.1               | 16.1             | 7.7           | 124.85                 | 479.6        | 264.6        | 408.7                  | 388.7                    | 19.98                     | 20.456            |                             |  |
| 5,889.3                                                                                  | 5,824.6               | 5,858.2               | 5,835.6               | 16.4             | 7.8           | 125.81                 | 485.1        | 269.4        | 420.4                  | 400.0                    | 20.40                     | 20.612            |                             |  |
| 5,890.0                                                                                  | 5,825.2               | 5,858.9               | 5,836.3               | 16.4             | 7.8           | 125.82                 | 485.1        | 269.5        | 420.5                  | 400.1                    | 20.40                     | 20.613            |                             |  |
| 5,900.0                                                                                  | 5,835.1               | 5,868.9               | 5,846.3               | 16.4             | 7.8           | 125.95                 | 485.7        | 269.9        | 421.8                  | 401.3                    | 20.45                     | 20.629            |                             |  |
| 5,985.0                                                                                  | 5,918.6               | 5,954.4               | 5,931.6               | 16.7             | 7.9           | 126.99                 | 489.9        | 273.6        | 432.2                  | 411.4                    | 20.83                     | 20.746            |                             |  |
| 6,000.0                                                                                  | 5,933.4               | 5,969.4               | 5,946.6               | 16.7             | 7.9           | 127.18                 | 490.5        | 274.1        | 434.0                  | 413.1                    | 20.90                     | 20.762            |                             |  |
| 6,080.0                                                                                  | 6,012.3               | 6,049.9               | 6,027.0               | 17.0             | 8.0           | 128.14                 | 493.4        | 276.6        | 442.9                  | 421.6                    | 21.26                     | 20.832            |                             |  |
| 6,100.0                                                                                  | 6,032.1               | 6,070.0               | 6,047.0               | 17.1             | 8.0           | 128.37                 | 494.0        | 277.1        | 445.0                  | 423.6                    | 21.35                     | 20.844            |                             |  |
| 6,175.0                                                                                  | 6,106.2               | 6,145.4               | 6,122.4               | 17.3             | 8.1           | 129.26                 | 495.7        | 278.6        | 452.4                  | 430.7                    | 21.68                     | 20.868            |                             |  |
| 6,200.0                                                                                  | 6,131.0               | 6,170.5               | 6,147.5               | 17.4             | 8.2           | 129.55                 | 496.2        | 279.0        | 454.7                  | 432.9                    | 21.79                     | 20.869            |                             |  |
| 6,270.0                                                                                  | 6,200.4               | 6,240.9               | 6,217.9               | 17.7             | 8.2           | 130.37                 | 496.9        | 279.6        | 460.8                  | 438.7                    | 22.10                     | 20.852            |                             |  |
| 6,300.0                                                                                  | 6,230.2               | 6,271.0               | 6,248.0               | 17.8             | 8.3           | 130.73                 | 497.0        | 279.7        | 463.2                  | 441.0                    | 22.23                     | 20.836            |                             |  |
| 6,365.0                                                                                  | 6,294.7               | 6,335.7               | 6,312.7               | 18.0             | 8.3           | 131.45                 | 497.0        | 279.7        | 468.1                  | 445.6                    | 22.52                     | 20.786            |                             |  |
| 6,400.0                                                                                  | 6,329.5               | 6,370.5               | 6,347.5               | 18.1             | 8.4           | 131.80                 | 497.0        | 279.7        | 470.6                  | 447.9                    | 22.68                     | 20.753            |                             |  |
| 6,460.0                                                                                  | 6,389.3               | 6,430.2               | 6,407.3               | 18.3             | 8.5           | 132.36                 | 497.0        | 279.7        | 474.5                  | 451.6                    | 22.94                     | 20.685            |                             |  |
| 6,500.0                                                                                  | 6,429.1               | 6,470.1               | 6,447.1               | 18.5             | 8.5           | 132.69                 | 497.0        | 279.7        | 476.9                  | 453.8                    | 23.12                     | 20.632            |                             |  |
| 6,555.0                                                                                  | 6,483.9               | 6,524.9               | 6,501.9               | 18.6             | 8.6           | 133.10                 | 497.0        | 279.7        | 479.9                  | 456.6                    | 23.35                     | 20.550            |                             |  |
| 6,600.0                                                                                  | 6,528.8               | 6,569.8               | 6,546.8               | 18.8             | 8.6           | 133.40                 | 497.0        | 279.7        | 482.2                  | 458.6                    | 23.55                     | 20.474            |                             |  |
| 6,650.0                                                                                  | 6,578.7               | 6,619.7               | 6,596.7               | 19.0             | 8.7           | 133.69                 | 497.0        | 279.7        | 484.3                  | 460.6                    | 23.76                     | 20.382            |                             |  |
| 6,700.0                                                                                  | 6,628.6               | 6,669.6               | 6,646.6               | 19.1             | 8.7           | 133.93                 | 497.0        | 279.7        | 486.2                  | 462.3                    | 23.98                     | 20.280            |                             |  |
| 6,745.0                                                                                  | 6,673.6               | 6,714.6               | 6,691.6               | 19.3             | 8.8           | 134.12                 | 497.0        | 279.7        | 487.7                  | 463.5                    | 24.17                     | 20.181            |                             |  |
| 6,800.0                                                                                  | 6,728.5               | 6,769.5               | 6,746.5               | 19.5             | 8.8           | 134.31                 | 497.0        | 279.7        | 489.2                  | 464.8                    | 24.40                     | 20.050            |                             |  |
| 6,840.0                                                                                  | 6,768.5               | 6,809.5               | 6,786.5               | 19.6             | 8.9           | 134.41                 | 497.0        | 279.7        | 490.0                  | 465.4                    | 24.56                     | 19.949            |                             |  |
| 6,900.0                                                                                  | 6,828.5               | 6,869.5               | 6,846.5               | 19.8             | 9.0           | 134.52                 | 497.0        | 279.7        | 490.9                  | 466.1                    | 24.81                     | 19.786            |                             |  |
| 6,935.0                                                                                  | 6,863.5               | 6,904.5               | 6,881.5               | 19.9             | 9.0           | 134.56                 | 497.0        | 279.7        | 491.2                  | 466.2                    | 24.95                     | 19.687            |                             |  |
| 6,989.5                                                                                  | 6,918.0               | 6,959.0               | 6,936.0               | 20.1             | 9.1           | 126.10                 | 497.0        | 279.7        | 491.4                  | 466.2                    | 25.17                     | 19.523            |                             |  |
| 7,000.0                                                                                  | 6,928.5               | 6,969.5               | 6,946.5               | 20.1             | 9.1           | 126.10                 | 497.0        | 279.7        | 491.4                  | 466.1                    | 25.21                     | 19.490            |                             |  |
| 7,030.0                                                                                  | 6,958.5               | 6,999.5               | 6,976.5               | 20.2             | 9.1           | 126.10                 | 497.0        | 279.7        | 491.4                  | 466.0                    | 25.33                     | 19.398            |                             |  |
| 7,100.0                                                                                  | 7,028.5               | 7,069.5               | 7,046.5               | 20.4             | 9.2           | 126.10                 | 497.0        | 279.7        | 491.4                  | 465.7                    | 25.61                     | 19.186            |                             |  |
| 7,125.0                                                                                  | 7,053.5               | 7,094.5               | 7,071.5               | 20.5             | 9.2           | 126.10                 | 497.0        | 279.7        | 491.4                  | 465.6                    | 25.71                     | 19.111            |                             |  |
| 7,200.0                                                                                  | 7,128.5               | 7,169.5               | 7,146.5               | 20.7             | 9.3           | 126.10                 | 497.0        | 279.7        | 491.4                  | 465.3                    | 26.01                     | 18.890            |                             |  |
| 7,220.0                                                                                  | 7,148.5               | 7,189.5               | 7,166.5               | 20.8             | 9.3           | 126.10                 | 497.0        | 279.7        | 491.4                  | 465.3                    | 26.09                     | 18.831            |                             |  |
| 7,300.0                                                                                  | 7,228.5               | 7,269.5               | 7,246.5               | 21.1             | 9.4           | 126.10                 | 497.0        | 279.7        | 491.4                  | 464.9                    | 26.41                     | 18.601            |                             |  |
| 7,315.0                                                                                  | 7,243.5               | 7,284.5               | 7,261.5               | 21.1             | 9.5           | 126.10                 | 497.0        | 279.7        | 491.4                  | 464.9                    | 26.48                     | 18.559            |                             |  |
| 7,400.0                                                                                  | 7,328.5               | 7,369.5               | 7,346.5               | 21.4             | 9.6           | 126.10                 | 497.0        | 279.7        | 491.4                  | 464.5                    | 26.82                     | 18.321            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                       |                        |                       |                  |               |                          |                               |              |                        |                         |                           |                           |                |
|-------------------------------------------------------------------------------------------------|-----------------------|------------------------|-----------------------|------------------|---------------|--------------------------|-------------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #707H - OWB - PWP0 |                       |                        |                       |                  |               |                          |                               |              |                        |                         |                           | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8452-MWD+IFR1+FDIR                                |                       |                        |                       |                  |               |                          |                               |              |                        |                         |                           | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                | <b>Offset</b>         | <b>Semi Major Axis</b> | <b>Rule Assigned:</b> |                  |               |                          |                               |              |                        |                         |                           |                           |                |
| <b>Measured Depth</b>                                                                           | <b>Vertical Depth</b> | <b>Measured Depth</b>  | <b>Vertical Depth</b> | <b>Reference</b> | <b>Offset</b> | <b>Highside Toolface</b> | <b>Offset Wellbore Centre</b> |              | <b>Distance</b>        |                         | <b>Minimum Separation</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| (usft)                                                                                          | (usft)                | (usft)                 | (usft)                | (usft)           | (usft)        | (°)                      | +N/-S (usft)                  | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | (usft)                    |                           |                |
| 7,410.0                                                                                         | 7,338.5               | 7,379.5                | 7,356.5               | 21.4             | 9.6           | 126.10                   | 497.0                         | 279.7        | 491.4                  | 464.5                   | 26.84                     | 18.304                    |                |
| 7,437.5                                                                                         | 7,366.0               | 7,407.0                | 7,384.0               | 21.5             | 9.6           | 126.10                   | 497.0                         | 279.7        | 491.4                  | 464.4                   | 26.91                     | 18.259                    |                |
| 7,450.0                                                                                         | 7,378.5               | 7,419.5                | 7,396.5               | 21.5             | 9.6           | -54.42                   | 497.0                         | 279.7        | 491.3                  | 464.4                   | 26.92                     | 18.250                    |                |
| 7,500.0                                                                                         | 7,428.4               | 7,469.4                | 7,446.4               | 21.5             | 9.7           | -54.88                   | 497.0                         | 279.7        | 489.4                  | 462.4                   | 26.96                     | 18.151                    |                |
| 7,505.0                                                                                         | 7,433.4               | 7,474.3                | 7,451.4               | 21.6             | 9.7           | -54.96                   | 497.0                         | 279.7        | 489.1                  | 462.1                   | 26.97                     | 18.134                    |                |
| 7,550.0                                                                                         | 7,477.8               | 7,518.8                | 7,495.8               | 21.7             | 9.7           | -55.97                   | 497.0                         | 279.7        | 485.0                  | 458.0                   | 27.01                     | 17.954                    |                |
| 7,600.0                                                                                         | 7,526.3               | 7,567.3                | 7,544.3               | 21.9             | 9.8           | -57.69                   | 497.0                         | 279.7        | 478.4                  | 451.4                   | 27.03                     | 17.696                    |                |
| 7,650.0                                                                                         | 7,573.7               | 7,614.7                | 7,591.7               | 22.1             | 9.8           | -60.04                   | 497.0                         | 279.7        | 469.7                  | 442.7                   | 27.02                     | 17.387                    |                |
| 7,695.0                                                                                         | 7,614.9               | 7,655.9                | 7,632.9               | 22.2             | 9.9           | -62.67                   | 497.0                         | 279.7        | 460.6                  | 433.6                   | 26.97                     | 17.076                    |                |
| 7,700.0                                                                                         | 7,619.4               | 7,660.4                | 7,637.4               | 22.2             | 9.9           | -63.00                   | 497.0                         | 279.7        | 459.5                  | 432.5                   | 26.97                     | 17.040                    |                |
| 7,750.0                                                                                         | 7,663.2               | 7,704.2                | 7,681.2               | 22.4             | 10.0          | -66.52                   | 497.0                         | 279.7        | 448.1                  | 421.2                   | 26.88                     | 16.668                    |                |
| 7,790.0                                                                                         | 7,696.7               | 7,737.7                | 7,714.7               | 22.5             | 10.0          | -69.69                   | 497.0                         | 279.7        | 438.6                  | 411.8                   | 26.81                     | 16.362                    |                |
| 7,800.0                                                                                         | 7,704.8               | 7,745.8                | 7,722.8               | 22.5             | 10.0          | -70.52                   | 497.0                         | 279.7        | 436.2                  | 409.4                   | 26.79                     | 16.285                    |                |
| 7,850.0                                                                                         | 7,743.8               | 7,784.8                | 7,761.8               | 22.7             | 10.1          | -74.85                   | 497.0                         | 279.7        | 424.6                  | 397.9                   | 26.70                     | 15.906                    |                |
| 7,885.0                                                                                         | 7,769.4               | 7,810.4                | 7,787.4               | 22.8             | 10.1          | -77.95                   | 497.0                         | 279.7        | 417.1                  | 390.5                   | 26.65                     | 15.650                    |                |
| 7,900.0                                                                                         | 7,779.9               | 7,820.9                | 7,797.9               | 22.8             | 10.1          | -79.28                   | 497.0                         | 279.7        | 414.2                  | 387.5                   | 26.65                     | 15.543                    |                |
| 7,950.0                                                                                         | 7,812.9               | 7,853.8                | 7,830.9               | 22.9             | 10.1          | -83.59                   | 497.0                         | 279.7        | 405.9                  | 379.2                   | 26.69                     | 15.210                    |                |
| 7,980.0                                                                                         | 7,831.0               | 7,872.0                | 7,849.0               | 22.9             | 10.2          | -85.99                   | 497.0                         | 279.7        | 402.4                  | 375.6                   | 26.77                     | 15.030                    |                |
| 8,000.0                                                                                         | 7,842.4               | 7,883.4                | 7,860.4               | 23.0             | 10.2          | -87.50                   | 497.0                         | 279.7        | 400.7                  | 373.9                   | 26.86                     | 14.921                    |                |
| 8,037.1                                                                                         | 7,862.0               | 7,903.0                | 7,880.0               | 23.0             | 10.2          | -90.00                   | 497.0                         | 279.7        | 399.5                  | 372.4                   | 27.09                     | 14.748                    |                |
| 8,050.0                                                                                         | 7,868.4               | 7,909.3                | 7,886.4               | 23.1             | 10.2          | -90.78                   | 497.0                         | 279.7        | 399.7                  | 372.5                   | 27.19                     | 14.699                    |                |
| 8,075.0                                                                                         | 7,879.9               | 7,920.9                | 7,897.9               | 23.1             | 10.2          | -92.12                   | 497.0                         | 279.7        | 400.9                  | 373.5                   | 27.42                     | 14.621                    |                |
| 8,100.0                                                                                         | 7,890.5               | 7,931.4                | 7,908.5               | 23.1             | 10.2          | -93.24                   | 497.0                         | 279.7        | 403.4                  | 375.7                   | 27.69                     | 14.571                    |                |
| 8,150.0                                                                                         | 7,908.6               | 7,949.6                | 7,926.6               | 23.2             | 10.3          | -94.72                   | 497.0                         | 279.7        | 412.5                  | 384.2                   | 28.31                     | 14.571                    |                |
| 8,170.0                                                                                         | 7,914.7               | 7,955.7                | 7,932.7               | 23.2             | 10.3          | -95.02                   | 497.0                         | 279.7        | 417.6                  | 389.1                   | 28.58                     | 14.612                    |                |
| 8,200.0                                                                                         | 7,922.6               | 7,963.6                | 7,940.6               | 23.2             | 10.3          | -95.12                   | 497.0                         | 279.7        | 427.0                  | 398.0                   | 29.00                     | 14.723                    |                |
| 8,250.0                                                                                         | 7,932.3               | 7,973.3                | 7,950.3               | 23.2             | 10.3          | -94.35                   | 497.0                         | 279.7        | 446.6                  | 416.9                   | 29.69                     | 15.042                    |                |
| 8,265.0                                                                                         | 7,934.4               | 7,975.4                | 7,952.4               | 23.2             | 10.3          | -93.88                   | 497.0                         | 279.7        | 453.5                  | 423.6                   | 29.89                     | 15.170                    |                |
| 8,300.0                                                                                         | 7,937.8               | 7,978.8                | 7,955.8               | 23.2             | 10.3          | -92.34                   | 497.0                         | 279.7        | 471.0                  | 440.6                   | 30.34                     | 15.524                    |                |
| 8,336.0                                                                                         | 7,939.0               | 7,980.0                | 7,957.0               | 23.2             | 10.3          | -90.11                   | 497.0                         | 279.7        | 491.0                  | 460.2                   | 30.75                     | 15.965                    |                |
| 8,360.0                                                                                         | 7,939.1               | 7,980.0                | 7,957.1               | 23.2             | 10.3          | -90.12                   | 497.0                         | 279.7        | 505.3                  | 474.3                   | 31.00                     | 16.298                    |                |
| 8,400.0                                                                                         | 7,939.2               | 7,980.1                | 7,957.2               | 23.2             | 10.3          | -90.13                   | 497.0                         | 279.7        | 530.7                  | 499.3                   | 31.38                     | 16.913                    |                |
| 8,455.0                                                                                         | 7,939.3               | 7,980.3                | 7,957.3               | 23.2             | 10.3          | -90.16                   | 497.0                         | 279.7        | 568.4                  | 536.6                   | 31.82                     | 17.864                    |                |
| 8,500.0                                                                                         | 7,939.4               | 7,980.4                | 7,957.4               | 23.2             | 10.3          | -90.17                   | 497.0                         | 279.7        | 601.3                  | 569.2                   | 32.11                     | 18.723                    |                |
| 8,550.0                                                                                         | 7,939.6               | 7,980.6                | 7,957.6               | 23.2             | 10.3          | -90.19                   | 497.0                         | 279.7        | 639.5                  | 607.1                   | 32.39                     | 19.745                    |                |
| 8,600.0                                                                                         | 7,939.7               | 7,980.7                | 7,957.7               | 23.2             | 10.3          | -90.21                   | 497.0                         | 279.7        | 679.3                  | 646.7                   | 32.61                     | 20.830                    |                |
| 8,645.0                                                                                         | 7,939.8               | 7,980.8                | 7,957.8               | 23.2             | 10.3          | -90.23                   | 497.0                         | 279.7        | 716.1                  | 683.4                   | 32.78                     | 21.849                    |                |
| 8,700.0                                                                                         | 7,940.0               | 7,981.0                | 7,958.0               | 23.2             | 10.3          | -90.25                   | 497.0                         | 279.7        | 762.4                  | 729.5                   | 32.94                     | 23.144                    |                |
| 8,740.0                                                                                         | 7,940.1               | 7,981.1                | 7,958.1               | 23.2             | 10.3          | -90.27                   | 497.0                         | 279.7        | 796.8                  | 763.7                   | 33.04                     | 24.112                    |                |
| 8,800.0                                                                                         | 7,940.2               | 7,981.2                | 7,958.2               | 23.2             | 10.3          | -90.29                   | 497.0                         | 279.7        | 849.2                  | 816.0                   | 33.17                     | 25.602                    |                |
| 8,835.0                                                                                         | 7,940.3               | 7,981.3                | 7,958.3               | 23.3             | 10.3          | -90.30                   | 497.0                         | 279.7        | 880.2                  | 847.0                   | 33.23                     | 26.488                    |                |
| 8,900.0                                                                                         | 7,940.5               | 7,981.5                | 7,958.5               | 23.3             | 10.3          | -90.33                   | 497.0                         | 279.7        | 938.6                  | 905.3                   | 33.33                     | 28.165                    |                |
| 8,930.0                                                                                         | 7,940.6               | 7,981.6                | 7,958.6               | 23.3             | 10.3          | -90.34                   | 497.0                         | 279.7        | 965.9                  | 932.5                   | 33.36                     | 28.949                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #708H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2500-MWD+IFR1+MS, 8441-MWD+IFR1+MS                |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum</b>      |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                | <b>Factor</b>             |          |
| 0.0                                                                                             | 0.0                          | 18.0                         | 18.0                         | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         |                                |                |                           |          |
| 95.0                                                                                            | 95.0                         | 113.0                        | 113.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.9                          | 6.00           | 32.808                    |          |
| 100.0                                                                                           | 100.0                        | 118.0                        | 118.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.9                          | 6.00           | 32.806                    |          |
| 190.0                                                                                           | 190.0                        | 208.0                        | 208.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.9                          | 6.01           | 32.756                    |          |
| 200.0                                                                                           | 200.0                        | 218.0                        | 218.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.9                          | 6.01           | 32.747                    |          |
| 285.0                                                                                           | 285.0                        | 303.0                        | 303.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.8                          | 6.03           | 32.648                    |          |
| 300.0                                                                                           | 300.0                        | 318.0                        | 318.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.8                          | 6.03           | 32.626                    |          |
| 380.0                                                                                           | 380.0                        | 398.0                        | 398.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.8                          | 6.06           | 32.486                    |          |
| 400.0                                                                                           | 400.0                        | 418.0                        | 418.0                        | 3.0                     | 3.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.8                          | 6.07           | 32.445                    |          |
| 475.0                                                                                           | 475.0                        | 493.0                        | 493.0                        | 3.0                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.8                          | 6.10           | 32.271                    |          |
| 500.0                                                                                           | 500.0                        | 518.0                        | 518.0                        | 3.1                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.8                          | 6.11           | 32.206                    |          |
| 570.0                                                                                           | 570.0                        | 588.0                        | 588.0                        | 3.1                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.7                          | 6.15           | 32.008                    |          |
| 600.0                                                                                           | 600.0                        | 618.0                        | 618.0                        | 3.1                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.7                          | 6.17           | 31.915                    |          |
| 665.0                                                                                           | 665.0                        | 683.0                        | 683.0                        | 3.1                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.7                          | 6.21           | 31.699                    |          |
| 700.0                                                                                           | 700.0                        | 718.0                        | 718.0                        | 3.1                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.6                          | 6.24           | 31.575                    |          |
| 760.0                                                                                           | 760.0                        | 778.0                        | 778.0                        | 3.1                     | 3.1                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.6                          | 6.28           | 31.349                    |          |
| 800.0                                                                                           | 800.0                        | 818.0                        | 818.0                        | 3.2                     | 3.2                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.6                          | 6.31           | 31.191                    |          |
| 855.0                                                                                           | 855.0                        | 873.0                        | 873.0                        | 3.2                     | 3.2                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.5                          | 6.36           | 30.963                    |          |
| 900.0                                                                                           | 900.0                        | 918.0                        | 918.0                        | 3.2                     | 3.2                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.5                          | 6.40           | 30.768                    |          |
| 950.0                                                                                           | 950.0                        | 968.0                        | 968.0                        | 3.2                     | 3.2                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.4                          | 6.45           | 30.544                    |          |
| 1,000.0                                                                                         | 1,000.0                      | 1,018.0                      | 1,018.0                      | 3.2                     | 3.3                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.4                          | 6.49           | 30.312                    |          |
| 1,045.0                                                                                         | 1,045.0                      | 1,063.0                      | 1,063.0                      | 3.3                     | 3.3                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.3                          | 6.54           | 30.098                    |          |
| 1,100.0                                                                                         | 1,100.0                      | 1,118.0                      | 1,118.0                      | 3.3                     | 3.3                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.3                          | 6.60           | 29.828                    |          |
| 1,140.0                                                                                         | 1,140.0                      | 1,158.0                      | 1,158.0                      | 3.3                     | 3.3                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.2                          | 6.64           | 29.628                    |          |
| 1,200.0                                                                                         | 1,200.0                      | 1,218.0                      | 1,218.0                      | 3.4                     | 3.4                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.2                          | 6.71           | 29.322                    |          |
| 1,235.0                                                                                         | 1,235.0                      | 1,253.0                      | 1,253.0                      | 3.4                     | 3.4                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.1                          | 6.76           | 29.140                    |          |
| 1,300.0                                                                                         | 1,300.0                      | 1,318.0                      | 1,318.0                      | 3.4                     | 3.4                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.0                          | 6.84           | 28.797                    |          |
| 1,330.0                                                                                         | 1,330.0                      | 1,348.0                      | 1,348.0                      | 3.4                     | 3.4                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 190.0                          | 6.87           | 28.637                    |          |
| 1,400.0                                                                                         | 1,400.0                      | 1,418.0                      | 1,418.0                      | 3.5                     | 3.5                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.9                          | 6.97           | 28.259                    |          |
| 1,425.0                                                                                         | 1,425.0                      | 1,443.0                      | 1,443.0                      | 3.5                     | 3.5                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.9                          | 7.00           | 28.123                    |          |
| 1,500.0                                                                                         | 1,500.0                      | 1,518.0                      | 1,518.0                      | 3.5                     | 3.6                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.8                          | 7.10           | 27.713                    |          |
| 1,520.0                                                                                         | 1,520.0                      | 1,538.0                      | 1,538.0                      | 3.6                     | 3.6                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.7                          | 7.13           | 27.602                    |          |
| 1,600.0                                                                                         | 1,600.0                      | 1,618.0                      | 1,618.0                      | 3.6                     | 3.6                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.6                          | 7.25           | 27.160                    |          |
| 1,615.0                                                                                         | 1,615.0                      | 1,633.0                      | 1,633.0                      | 3.6                     | 3.6                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.6                          | 7.27           | 27.077                    |          |
| 1,700.0                                                                                         | 1,700.0                      | 1,718.0                      | 1,718.0                      | 3.7                     | 3.7                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.5                          | 7.40           | 26.606                    |          |
| 1,710.0                                                                                         | 1,710.0                      | 1,728.0                      | 1,728.0                      | 3.7                     | 3.7                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.5                          | 7.42           | 26.550                    |          |
| 1,800.0                                                                                         | 1,800.0                      | 1,818.0                      | 1,818.0                      | 3.8                     | 3.8                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.3                          | 7.56           | 26.052                    |          |
| 1,805.0                                                                                         | 1,805.0                      | 1,823.0                      | 1,823.0                      | 3.8                     | 3.8                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.3                          | 7.56           | 26.025                    |          |
| 1,900.0                                                                                         | 1,900.0                      | 1,918.0                      | 1,918.0                      | 3.9                     | 3.9                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.2                          | 7.72           | 25.502                    |          |
| 1,995.0                                                                                         | 1,995.0                      | 2,013.0                      | 2,013.0                      | 3.9                     | 3.9                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.0                          | 7.88           | 24.985                    |          |
| 2,000.0                                                                                         | 2,000.0                      | 2,018.0                      | 2,018.0                      | 3.9                     | 4.0                  | -2.93                        | 196.6                                      | -10.1               | 196.9                         | 189.0                          | 7.89           | 24.958                    |          |
| 2,090.0                                                                                         | 2,090.0                      | 2,108.0                      | 2,108.0                      | 4.1                     | 4.0                  | 5.59                         | 196.6                                      | -10.1               | 195.5                         | 187.3                          | 8.17           | 23.939                    |          |
| 2,100.0                                                                                         | 2,100.0                      | 2,118.0                      | 2,118.0                      | 4.2                     | 4.0                  | 5.60                         | 196.6                                      | -10.1               | 195.1                         | 186.9                          | 8.20           | 23.807                    |          |
| 2,185.0                                                                                         | 2,184.9                      | 2,202.9                      | 2,202.9                      | 4.7                     | 4.1                  | 5.73                         | 196.6                                      | -10.1               | 190.9                         | 182.1                          | 8.83           | 21.625                    |          |
| 2,200.0                                                                                         | 2,199.8                      | 2,217.8                      | 2,217.8                      | 4.8                     | 4.1                  | 5.77                         | 196.6                                      | -10.1               | 189.9                         | 181.0                          | 8.95           | 21.229                    |          |
| 2,280.0                                                                                         | 2,279.6                      | 2,297.6                      | 2,297.6                      | 5.3                     | 4.2                  | 5.99                         | 196.6                                      | -10.1               | 183.3                         | 173.8                          | 9.50           | 19.290                    |          |
| 2,300.0                                                                                         | 2,299.5                      | 2,317.5                      | 2,317.5                      | 5.4                     | 4.2                  | 6.06                         | 196.6                                      | -10.1               | 181.3                         | 171.6                          | 9.64           | 18.797                    |          |
| 2,375.0                                                                                         | 2,373.9                      | 2,391.9                      | 2,391.9                      | 5.9                     | 4.3                  | 6.39                         | 196.6                                      | -10.1               | 172.5                         | 162.4                          | 10.14          | 17.019                    |          |
| 2,400.0                                                                                         | 2,398.7                      | 2,416.7                      | 2,416.7                      | 6.0                     | 4.3                  | 6.53                         | 196.6                                      | -10.1               | 169.1                         | 158.8                          | 10.30          | 16.417                    |          |
| 2,470.0                                                                                         | 2,467.9                      | 2,485.9                      | 2,485.9                      | 6.4                     | 4.4                  | 6.99                         | 196.6                                      | -10.1               | 158.6                         | 147.9                          | 10.75          | 14.763                    |          |
| 2,500.0                                                                                         | 2,497.5                      | 2,515.0                      | 2,515.0                      | 6.6                     | 4.4                  | 7.21                         | 196.6                                      | -10.1               | 153.6                         | 142.7                          | 10.95          | 14.037                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #708H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2500-MWD+IFR1+MS, 8441-MWD+IFR1+MS                |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                |                           |          |
| 2,550.1                                                                                         | 2,546.7                      | 2,562.7                      | 2,562.7                      | 6.7                     | 4.5                  | 7.47                         | 197.0                                      | -10.6                     | 145.0                         | 133.9                          | 11.14          | 13.022                    |          |
| 2,565.0                                                                                         | 2,561.4                      | 2,577.0                      | 2,577.0                      | 6.7                     | 4.5                  | 7.51                         | 197.2                                      | -10.9                     | 142.4                         | 131.2                          | 11.18          | 12.740                    |          |
| 2,600.0                                                                                         | 2,595.7                      | 2,610.5                      | 2,610.4                      | 6.7                     | 4.6                  | 7.50                         | 197.9                                      | -11.8                     | 136.5                         | 125.2                          | 11.30          | 12.075                    |          |
| 2,660.0                                                                                         | 2,654.6                      | 2,668.0                      | 2,667.9                      | 6.8                     | 4.9                  | 7.15                         | 199.6                                      | -14.0                     | 126.9                         | 115.3                          | 11.63          | 10.918                    |          |
| 2,700.0                                                                                         | 2,693.9                      | 2,706.5                      | 2,706.3                      | 6.9                     | 5.1                  | 6.66                         | 201.2                                      | -16.0                     | 121.0                         | 109.1                          | 11.85          | 10.212                    |          |
| 2,755.0                                                                                         | 2,747.9                      | 2,759.5                      | 2,759.2                      | 7.0                     | 5.4                  | 5.56                         | 203.8                                      | -19.4                     | 113.4                         | 101.2                          | 12.16          | 9.321                     |          |
| 2,800.0                                                                                         | 2,792.0                      | 2,803.0                      | 2,802.4                      | 7.1                     | 5.6                  | 4.25                         | 206.4                                      | -22.8                     | 107.7                         | 95.3                           | 12.43          | 8.666                     |          |
| 2,850.0                                                                                         | 2,841.1                      | 2,851.4                      | 2,850.5                      | 7.1                     | 5.7                  | 2.32                         | 209.7                                      | -27.1                     | 102.0                         | 89.4                           | 12.60          | 8.094                     |          |
| 2,900.0                                                                                         | 2,890.2                      | 2,900.9                      | 2,899.7                      | 7.2                     | 5.8                  | -0.06                        | 213.4                                      | -31.9                     | 96.7                          | 84.0                           | 12.74          | 7.592                     |          |
| 2,945.0                                                                                         | 2,934.4                      | 2,945.5                      | 2,943.9                      | 7.3                     | 5.8                  | -2.42                        | 216.7                                      | -36.2                     | 92.2                          | 79.3                           | 12.87          | 7.160                     |          |
| 3,000.0                                                                                         | 2,988.4                      | 3,000.0                      | 2,998.0                      | 7.4                     | 5.9                  | -5.63                        | 220.8                                      | -41.5                     | 86.8                          | 73.8                           | 13.01          | 6.671                     |          |
| 3,040.0                                                                                         | 3,027.6                      | 3,039.7                      | 3,037.4                      | 7.5                     | 6.0                  | -8.23                        | 223.7                                      | -45.3                     | 83.1                          | 70.0                           | 13.11          | 6.336                     |          |
| 3,100.0                                                                                         | 3,086.5                      | 3,099.1                      | 3,096.4                      | 7.7                     | 6.1                  | -12.56                       | 228.1                                      | -51.1                     | 77.9                          | 64.6                           | 13.23          | 5.886                     |          |
| 3,135.0                                                                                         | 3,120.9                      | 3,133.8                      | 3,130.8                      | 7.7                     | 6.1                  | -15.35                       | 230.7                                      | -54.4                     | 75.0                          | 61.8                           | 13.28          | 5.651                     |          |
| 3,200.0                                                                                         | 3,184.7                      | 3,198.2                      | 3,194.8                      | 7.9                     | 6.2                  | -21.09                       | 235.5                                      | -60.7                     | 70.4                          | 57.0                           | 13.32          | 5.283                     |          |
| 3,230.0                                                                                         | 3,214.1                      | 3,228.0                      | 3,224.3                      | 8.0                     | 6.3                  | -23.98                       | 237.7                                      | -63.5                     | 68.4                          | 55.1                           | 13.31          | 5.142                     |          |
| 3,300.0                                                                                         | 3,282.8                      | 3,297.3                      | 3,293.1                      | 8.1                     | 6.4                  | -31.33                       | 242.9                                      | -70.2                     | 64.8                          | 51.5                           | 13.23          | 4.896                     |          |
| 3,325.0                                                                                         | 3,307.4                      | 3,322.1                      | 3,317.7                      | 8.2                     | 6.5                  | -34.14                       | 244.7                                      | -72.6                     | 63.7                          | 50.5                           | 13.18          | 4.835                     |          |
| 3,400.0                                                                                         | 3,381.0                      | 3,396.4                      | 3,391.5                      | 8.4                     | 6.7                  | -43.03                       | 250.2                                      | -79.8                     | 61.6                          | 48.6                           | 12.99          | 4.743                     |          |
| 3,420.0                                                                                         | 3,400.6                      | 3,416.3                      | 3,411.2                      | 8.4                     | 6.7                  | -45.49                       | 251.7                                      | -81.7                     | 61.3                          | 48.4                           | 12.93          | 4.739                     |          |
| 3,462.0                                                                                         | 3,441.8                      | 3,457.8                      | 3,452.4                      | 8.6                     | 6.8                  | -50.68                       | 254.8                                      | -85.7                     | 61.0                          | 48.2                           | 12.83          | 4.757 CC                  |          |
| 3,500.0                                                                                         | 3,479.2                      | 3,495.5                      | 3,489.9                      | 8.7                     | 6.9                  | -55.40                       | 257.6                                      | -89.4                     | 61.2                          | 48.5                           | 12.76          | 4.801                     |          |
| 3,515.0                                                                                         | 3,493.9                      | 3,510.4                      | 3,504.6                      | 8.7                     | 6.9                  | -57.25                       | 258.7                                      | -90.8                     | 61.4                          | 48.7                           | 12.74          | 4.824                     |          |
| 3,600.0                                                                                         | 3,577.3                      | 3,594.7                      | 3,588.2                      | 8.9                     | 7.1                  | -67.35                       | 264.9                                      | -99.0                     | 63.8                          | 51.0                           | 12.75          | 5.002                     |          |
| 3,610.0                                                                                         | 3,587.1                      | 3,604.6                      | 3,598.1                      | 9.0                     | 7.1                  | -68.48                       | 265.7                                      | -99.9                     | 64.2                          | 51.4                           | 12.76          | 5.027                     |          |
| 3,700.0                                                                                         | 3,675.5                      | 3,693.8                      | 3,686.6                      | 9.2                     | 7.4                  | -77.99                       | 272.3                                      | -108.5                    | 68.8                          | 55.8                           | 13.05          | 5.272                     |          |
| 3,705.0                                                                                         | 3,680.4                      | 3,698.7                      | 3,691.5                      | 9.2                     | 7.4                  | -78.48                       | 272.7                                      | -109.0                    | 69.1                          | 56.1                           | 13.08          | 5.287                     |          |
| 3,800.0                                                                                         | 3,773.7                      | 3,792.9                      | 3,785.0                      | 9.5                     | 7.6                  | -86.93                       | 279.6                                      | -118.1                    | 75.9                          | 62.3                           | 13.62          | 5.574                     |          |
| 3,895.0                                                                                         | 3,866.9                      | 3,887.0                      | 3,878.4                      | 9.8                     | 7.9                  | -93.88                       | 286.6                                      | -127.2                    | 84.1                          | 69.8                           | 14.30          | 5.881                     |          |
| 3,900.0                                                                                         | 3,871.8                      | 3,892.0                      | 3,883.3                      | 9.8                     | 7.9                  | -94.21                       | 287.0                                      | -127.7                    | 84.5                          | 70.2                           | 14.34          | 5.897                     |          |
| 3,990.0                                                                                         | 3,960.2                      | 3,981.2                      | 3,971.9                      | 10.1                    | 8.1                  | -99.55                       | 293.6                                      | -136.3                    | 93.3                          | 78.2                           | 15.04          | 6.201                     |          |
| 4,000.0                                                                                         | 3,970.0                      | 3,991.1                      | 3,981.7                      | 10.1                    | 8.2                  | -100.08                      | 294.4                                      | -137.3                    | 94.3                          | 79.2                           | 15.12          | 6.235                     |          |
| 4,085.0                                                                                         | 4,053.4                      | 4,075.3                      | 4,065.3                      | 10.3                    | 8.4                  | -104.18                      | 300.6                                      | -145.4                    | 103.2                         | 87.4                           | 15.81          | 6.529                     |          |
| 4,100.0                                                                                         | 4,068.1                      | 4,090.2                      | 4,080.1                      | 10.4                    | 8.4                  | -104.83                      | 301.7                                      | -146.8                    | 104.8                         | 88.9                           | 15.93          | 6.582                     |          |
| 4,180.0                                                                                         | 4,146.7                      | 4,169.5                      | 4,158.8                      | 10.6                    | 8.7                  | -107.97                      | 307.6                                      | -154.5                    | 113.7                         | 97.1                           | 16.57          | 6.860                     |          |
| 4,200.0                                                                                         | 4,166.3                      | 4,189.3                      | 4,178.4                      | 10.7                    | 8.7                  | -108.69                      | 309.1                                      | -156.4                    | 115.9                         | 99.2                           | 16.73          | 6.930                     |          |
| 4,275.0                                                                                         | 4,239.9                      | 4,263.6                      | 4,252.2                      | 10.9                    | 8.9                  | -111.12                      | 314.6                                      | -163.6                    | 124.6                         | 107.2                          | 17.33          | 7.190                     |          |
| 4,300.0                                                                                         | 4,264.5                      | 4,288.4                      | 4,276.8                      | 11.0                    | 9.0                  | -111.86                      | 316.4                                      | -166.0                    | 127.5                         | 110.0                          | 17.52          | 7.275                     |          |
| 4,370.0                                                                                         | 4,333.2                      | 4,357.9                      | 4,345.8                      | 11.2                    | 9.2                  | -113.77                      | 321.6                                      | -172.7                    | 135.8                         | 117.7                          | 18.07          | 7.514                     |          |
| 4,400.0                                                                                         | 4,362.6                      | 4,387.8                      | 4,375.5                      | 11.3                    | 9.3                  | -114.58                      | 323.7                                      | -175.5                    | 139.3                         | 121.0                          | 18.30          | 7.611                     |          |
| 4,465.0                                                                                         | 4,426.4                      | 4,452.7                      | 4,440.0                      | 11.5                    | 9.5                  | -116.39                      | 328.0                                      | -181.1                    | 146.9                         | 128.1                          | 18.82          | 7.807                     |          |
| 4,500.0                                                                                         | 4,460.8                      | 4,487.6                      | 4,474.8                      | 11.6                    | 9.6                  | -117.41                      | 330.2                                      | -183.8                    | 151.0                         | 131.9                          | 19.10          | 7.905                     |          |
| 4,560.0                                                                                         | 4,519.7                      | 4,547.5                      | 4,534.3                      | 11.8                    | 9.8                  | -119.19                      | 333.5                                      | -188.2                    | 157.9                         | 138.3                          | 19.59          | 8.064                     |          |
| 4,600.0                                                                                         | 4,559.0                      | 4,587.3                      | 4,574.0                      | 12.0                    | 9.9                  | -120.42                      | 335.5                                      | -190.8                    | 162.6                         | 142.7                          | 19.91          | 8.164                     |          |
| 4,655.0                                                                                         | 4,612.9                      | 4,642.0                      | 4,628.6                      | 12.1                    | 10.1                 | -122.14                      | 338.0                                      | -194.1                    | 169.0                         | 148.6                          | 20.36          | 8.297                     |          |
| 4,700.0                                                                                         | 4,657.1                      | 4,686.8                      | 4,673.3                      | 12.3                    | 10.2                 | -123.58                      | 339.8                                      | -196.4                    | 174.2                         | 153.5                          | 20.73          | 8.403                     |          |
| 4,750.0                                                                                         | 4,706.2                      | 4,736.4                      | 4,722.8                      | 12.5                    | 10.3                 | -125.21                      | 341.6                                      | -198.7                    | 180.1                         | 159.0                          | 21.15          | 8.518                     |          |
| 4,800.0                                                                                         | 4,755.3                      | 4,786.0                      | 4,772.3                      | 12.6                    | 10.5                 | -126.86                      | 343.1                                      | -200.6                    | 186.1                         | 164.6                          | 21.56          | 8.633                     |          |
| 4,845.0                                                                                         | 4,799.4                      | 4,830.5                      | 4,816.8                      | 12.8                    | 10.6                 | -128.36                      | 344.2                                      | -202.1                    | 191.6                         | 169.7                          | 21.94          | 8.737                     |          |
| 4,900.0                                                                                         | 4,853.4                      | 4,884.9                      | 4,871.1                      | 13.0                    | 10.8                 | -130.22                      | 345.3                                      | -203.5                    | 198.5                         | 176.1                          | 22.39          | 8.865                     |          |
| 4,940.0                                                                                         | 4,892.7                      | 4,924.3                      | 4,910.6                      | 13.1                    | 10.9                 | -131.58                      | 345.9                                      | -204.3                    | 203.6                         | 180.9                          | 22.72          | 8.961                     |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #708H - OWB - PWP0 |                       |                                                           |                       |                        |               |                       |              |                |                        |                         |                           |                   |  | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|-----------------------|------------------------|---------------|-----------------------|--------------|----------------|------------------------|-------------------------|---------------------------|-------------------|--|-----------------------------|--|
| Survey Program:                                                                          |                       | 0-Standard Keeper 104, 2500-MWD+IFR1+MS, 8441-MWD+IFR1+MS |                       |                        |               |                       |              | Rule Assigned: |                        |                         |                           |                   |  | Offset Well Error: 3.0 usft |  |
| Reference                                                                                | Offset                | Semi Major Axis                                           |                       | Offset Wellbore Centre |               | Distance              |              |                |                        |                         |                           |                   |  | Warning                     |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft)                                     | Vertical Depth (usft) | Reference (usft)       | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft)   | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |  |                             |  |
| 5,000.0                                                                                  | 4,951.6               | 4,983.4                                                   | 4,969.6               | 13.3                   | 11.1          | -133.64               | 346.4        | -205.0         | 211.4                  | 188.2                   | 23.21                     | 9.109             |  |                             |  |
| 5,035.0                                                                                  | 4,986.0               | 5,017.7                                                   | 5,004.0               | 13.4                   | 11.2          | -134.84               | 346.6        | -205.2         | 216.1                  | 192.6                   | 23.49                     | 9.199             |  |                             |  |
| 5,100.0                                                                                  | 5,049.8               | 5,081.5                                                   | 5,067.8               | 13.6                   | 11.4          | -137.04               | 346.6        | -205.3         | 225.1                  | 201.1                   | 24.01                     | 9.376             |  |                             |  |
| 5,130.0                                                                                  | 5,079.2               | 5,111.0                                                   | 5,097.2               | 13.7                   | 11.5          | -138.01               | 346.6        | -205.3         | 229.4                  | 205.1                   | 24.25                     | 9.461             |  |                             |  |
| 5,200.0                                                                                  | 5,147.9               | 5,179.7                                                   | 5,165.9               | 14.0                   | 11.7          | -140.13               | 346.6        | -205.3         | 239.6                  | 214.8                   | 24.79                     | 9.662             |  |                             |  |
| 5,225.0                                                                                  | 5,172.5               | 5,204.2                                                   | 5,190.5               | 14.1                   | 11.7          | -140.84               | 346.6        | -205.3         | 243.3                  | 218.3                   | 24.99                     | 9.736             |  |                             |  |
| 5,300.0                                                                                  | 5,246.1               | 5,277.8                                                   | 5,264.1               | 14.3                   | 12.0          | -142.86               | 346.6        | -205.3         | 254.6                  | 229.0                   | 25.56                     | 9.960             |  |                             |  |
| 5,320.0                                                                                  | 5,265.7               | 5,297.5                                                   | 5,283.7               | 14.4                   | 12.0          | -143.37               | 346.6        | -205.3         | 257.7                  | 232.0                   | 25.71                     | 10.020            |  |                             |  |
| 5,400.0                                                                                  | 5,344.2               | 5,376.0                                                   | 5,362.2               | 14.7                   | 12.2          | -145.29               | 346.6        | -205.3         | 270.2                  | 243.8                   | 26.32                     | 10.266            |  |                             |  |
| 5,415.0                                                                                  | 5,359.0               | 5,390.7                                                   | 5,377.0               | 14.7                   | 12.3          | -145.64               | 346.6        | -205.3         | 272.5                  | 246.1                   | 26.43                     | 10.312            |  |                             |  |
| 5,500.0                                                                                  | 5,442.4               | 5,474.2                                                   | 5,460.4               | 15.0                   | 12.5          | -147.46               | 346.6        | -205.3         | 286.1                  | 259.1                   | 27.05                     | 10.577            |  |                             |  |
| 5,510.0                                                                                  | 5,452.2               | 5,484.0                                                   | 5,470.2               | 15.0                   | 12.6          | -147.66               | 346.6        | -205.3         | 287.8                  | 260.6                   | 27.12                     | 10.609            |  |                             |  |
| 5,600.0                                                                                  | 5,540.6               | 5,572.3                                                   | 5,558.6               | 15.4                   | 12.8          | -149.39               | 346.6        | -205.3         | 302.5                  | 274.7                   | 27.78                     | 10.890            |  |                             |  |
| 5,605.0                                                                                  | 5,545.5               | 5,577.2                                                   | 5,563.5               | 15.4                   | 12.9          | -149.49               | 346.6        | -205.3         | 303.3                  | 275.5                   | 27.81                     | 10.906            |  |                             |  |
| 5,700.0                                                                                  | 5,638.7               | 5,670.5                                                   | 5,656.7               | 15.7                   | 13.1          | -151.13               | 346.6        | -205.3         | 319.1                  | 290.6                   | 28.49                     | 11.202            |  |                             |  |
| 5,795.0                                                                                  | 5,732.0               | 5,763.7                                                   | 5,750.0               | 16.0                   | 13.4          | -152.62               | 346.6        | -205.3         | 335.2                  | 306.0                   | 29.16                     | 11.494            |  |                             |  |
| 5,800.0                                                                                  | 5,736.9               | 5,768.6                                                   | 5,754.9               | 16.1                   | 13.4          | -152.70               | 346.6        | -205.3         | 336.0                  | 306.8                   | 29.20                     | 11.510            |  |                             |  |
| 5,889.3                                                                                  | 5,824.6               | 5,856.3                                                   | 5,842.6               | 16.4                   | 13.7          | -153.97               | 346.6        | -205.3         | 351.3                  | 321.5                   | 29.82                     | 11.782            |  |                             |  |
| 5,890.0                                                                                  | 5,825.2               | 5,857.0                                                   | 5,843.2               | 16.4                   | 13.7          | -153.98               | 346.6        | -205.3         | 351.4                  | 321.6                   | 29.82                     | 11.784            |  |                             |  |
| 5,900.0                                                                                  | 5,835.1               | 5,866.8                                                   | 5,853.1               | 16.4                   | 13.7          | -154.12               | 346.6        | -205.3         | 353.2                  | 323.3                   | 29.89                     | 11.815            |  |                             |  |
| 5,985.0                                                                                  | 5,918.6               | 5,950.4                                                   | 5,936.6               | 16.7                   | 14.0          | -155.23               | 346.6        | -205.3         | 367.2                  | 336.7                   | 30.47                     | 12.050            |  |                             |  |
| 6,000.0                                                                                  | 5,933.4               | 5,965.2                                                   | 5,951.4               | 16.7                   | 14.1          | -155.41               | 346.6        | -205.3         | 369.5                  | 339.0                   | 30.57                     | 12.087            |  |                             |  |
| 6,080.0                                                                                  | 6,012.3               | 6,044.1                                                   | 6,030.3               | 17.0                   | 14.3          | -156.28               | 346.6        | -205.3         | 381.6                  | 350.5                   | 31.12                     | 12.261            |  |                             |  |
| 6,100.0                                                                                  | 6,032.1               | 6,063.8                                                   | 6,050.1               | 17.1                   | 14.4          | -156.48               | 346.6        | -205.3         | 384.5                  | 353.2                   | 31.26                     | 12.299            |  |                             |  |
| 6,175.0                                                                                  | 6,106.2               | 6,138.0                                                   | 6,124.2               | 17.3                   | 14.6          | -157.16               | 346.6        | -205.3         | 394.7                  | 362.9                   | 31.77                     | 12.422            |  |                             |  |
| 6,200.0                                                                                  | 6,131.0               | 6,162.8                                                   | 6,149.0               | 17.4                   | 14.7          | -157.37               | 346.6        | -205.3         | 397.9                  | 366.0                   | 31.94                     | 12.457            |  |                             |  |
| 6,270.0                                                                                  | 6,200.4               | 6,232.1                                                   | 6,218.4               | 17.7                   | 14.9          | -157.90               | 346.6        | -205.3         | 406.4                  | 374.0                   | 32.42                     | 12.536            |  |                             |  |
| 6,300.0                                                                                  | 6,230.2               | 6,261.9                                                   | 6,248.2               | 17.8                   | 15.0          | -158.10               | 346.6        | -205.3         | 409.8                  | 377.2                   | 32.63                     | 12.562            |  |                             |  |
| 6,365.0                                                                                  | 6,294.7               | 6,326.5                                                   | 6,312.7               | 18.0                   | 15.2          | -158.51               | 346.6        | -205.3         | 416.8                  | 383.7                   | 33.07                     | 12.604            |  |                             |  |
| 6,400.0                                                                                  | 6,329.5               | 6,361.3                                                   | 6,347.5               | 18.1                   | 15.3          | -158.71               | 346.6        | -205.3         | 420.2                  | 386.9                   | 33.30                     | 12.618            |  |                             |  |
| 6,460.0                                                                                  | 6,389.3               | 6,421.0                                                   | 6,407.3               | 18.3                   | 15.5          | -159.01               | 346.6        | -205.3         | 425.7                  | 392.0                   | 33.71                     | 12.628            |  |                             |  |
| 6,500.0                                                                                  | 6,429.1               | 6,460.9                                                   | 6,447.1               | 18.5                   | 15.6          | -159.19               | 346.6        | -205.3         | 429.0                  | 395.0                   | 33.98                     | 12.625            |  |                             |  |
| 6,555.0                                                                                  | 6,483.9               | 6,515.7                                                   | 6,501.9               | 18.6                   | 15.8          | -159.42               | 346.6        | -205.3         | 433.1                  | 398.8                   | 34.35                     | 12.610            |  |                             |  |
| 6,600.0                                                                                  | 6,528.8               | 6,560.6                                                   | 6,546.8               | 18.8                   | 16.0          | -159.58               | 346.6        | -205.3         | 436.2                  | 401.5                   | 34.65                     | 12.587            |  |                             |  |
| 6,650.0                                                                                  | 6,578.7               | 6,610.5                                                   | 6,596.7               | 19.0                   | 16.1          | -159.73               | 346.6        | -205.3         | 439.1                  | 404.2                   | 34.99                     | 12.552            |  |                             |  |
| 6,700.0                                                                                  | 6,628.6               | 6,660.4                                                   | 6,646.6               | 19.1                   | 16.3          | -159.86               | 346.6        | -205.3         | 441.7                  | 406.4                   | 35.32                     | 12.506            |  |                             |  |
| 6,745.0                                                                                  | 6,673.6               | 6,705.3                                                   | 6,691.6               | 19.3                   | 16.4          | -159.96               | 346.6        | -205.3         | 443.7                  | 408.1                   | 35.62                     | 12.456            |  |                             |  |
| 6,800.0                                                                                  | 6,728.5               | 6,760.3                                                   | 6,746.5               | 19.5                   | 16.6          | -160.06               | 346.6        | -205.3         | 445.6                  | 409.7                   | 35.99                     | 12.383            |  |                             |  |
| 6,840.0                                                                                  | 6,768.5               | 6,800.3                                                   | 6,786.5               | 19.6                   | 16.8          | -160.12               | 346.6        | -205.3         | 446.8                  | 410.5                   | 36.25                     | 12.323            |  |                             |  |
| 6,900.0                                                                                  | 6,828.5               | 6,860.3                                                   | 6,846.5               | 19.8                   | 17.0          | -160.18               | 346.6        | -205.3         | 447.9                  | 411.3                   | 36.65                     | 12.221            |  |                             |  |
| 6,935.0                                                                                  | 6,863.5               | 6,895.3                                                   | 6,881.5               | 19.9                   | 17.1          | -160.20               | 346.6        | -205.3         | 448.3                  | 411.5                   | 36.88                     | 12.155            |  |                             |  |
| 6,989.5                                                                                  | 6,918.0               | 6,949.7                                                   | 6,936.0               | 20.1                   | 17.3          | -168.69               | 346.6        | -205.3         | 448.6                  | 411.3                   | 37.24                     | 12.045            |  |                             |  |
| 7,000.0                                                                                  | 6,928.5               | 6,960.3                                                   | 6,946.5               | 20.1                   | 17.3          | -168.69               | 346.6        | -205.3         | 448.6                  | 411.3                   | 37.31                     | 12.023            |  |                             |  |
| 7,030.0                                                                                  | 6,958.5               | 6,990.3                                                   | 6,976.5               | 20.2                   | 17.4          | -168.69               | 346.6        | -205.3         | 448.6                  | 411.1                   | 37.51                     | 11.960            |  |                             |  |
| 7,100.0                                                                                  | 7,028.5               | 7,060.3                                                   | 7,046.5               | 20.4                   | 17.6          | -168.69               | 346.6        | -205.3         | 448.6                  | 410.6                   | 37.96                     | 11.816            |  |                             |  |
| 7,125.0                                                                                  | 7,053.5               | 7,085.3                                                   | 7,071.5               | 20.5                   | 17.7          | -168.69               | 346.6        | -205.3         | 448.6                  | 410.5                   | 38.13                     | 11.765            |  |                             |  |
| 7,200.0                                                                                  | 7,128.5               | 7,160.3                                                   | 7,146.5               | 20.7                   | 18.0          | -168.69               | 346.6        | -205.3         | 448.6                  | 410.0                   | 38.63                     | 11.613            |  |                             |  |
| 7,220.0                                                                                  | 7,148.5               | 7,180.3                                                   | 7,166.5               | 20.8                   | 18.0          | -168.69               | 346.6        | -205.3         | 448.6                  | 409.8                   | 38.76                     | 11.573            |  |                             |  |
| 7,300.0                                                                                  | 7,228.5               | 7,260.3                                                   | 7,246.5               | 21.1                   | 18.3          | -168.69               | 346.6        | -205.3         | 448.6                  | 409.3                   | 39.29                     | 11.416            |  |                             |  |
| 7,315.0                                                                                  | 7,243.5               | 7,275.3                                                   | 7,261.5               | 21.1                   | 18.3          | -168.69               | 346.6        | -205.3         | 448.6                  | 409.2                   | 39.39                     | 11.388            |  |                             |  |
| 7,400.0                                                                                  | 7,328.5               | 7,360.3                                                   | 7,346.5               | 21.4                   | 18.6          | -168.69               | 346.6        | -205.3         | 448.6                  | 408.6                   | 39.96                     | 11.226            |  |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #708H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                                 |                         |                           | <b>Offset Site Error:</b> | 0.0 usft |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 2500-MWD+IFR1+MS, 8441-MWD+IFR1+MS                |                       |                       |                       |                  |               |                       |                        |              |                                 |                         |                           | <b>Offset Well Error:</b> | 3.0 usft |
| Measured Depth (usft)                                                                           | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre |              | Distance Between Centres (usft) |                         | Minimum Separation (usft) | Separation Factor         | Warning  |
|                                                                                                 |                       |                       |                       |                  |               |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft)          | Between Ellipses (usft) |                           |                           |          |
| 7,410.0                                                                                         | 7,338.5               | 7,370.3               | 7,356.5               | 21.4             | 18.7          | -168.69               | 346.6                  | -205.3       | 448.6                           | 408.6                   | 40.01                     | 11.212                    |          |
| 7,437.5                                                                                         | 7,366.0               | 7,397.8               | 7,384.0               | 21.5             | 18.8          | -168.69               | 346.6                  | -205.3       | 448.6                           | 408.4                   | 40.15                     | 11.173                    |          |
| 7,450.0                                                                                         | 7,378.5               | 7,410.3               | 7,396.5               | 21.5             | 18.8          | 10.82                 | 346.6                  | -205.3       | 448.5                           | 408.3                   | 40.19                     | 11.158                    |          |
| 7,500.0                                                                                         | 7,428.4               | 7,460.1               | 7,446.4               | 21.5             | 19.0          | 10.96                 | 346.6                  | -205.3       | 445.2                           | 404.8                   | 40.44                     | 11.010                    |          |
| 7,505.0                                                                                         | 7,433.4               | 7,465.1               | 7,451.4               | 21.6             | 19.0          | 10.98                 | 346.6                  | -205.3       | 444.7                           | 404.2                   | 40.48                     | 10.987                    |          |
| 7,550.0                                                                                         | 7,477.8               | 7,509.5               | 7,495.8               | 21.7             | 19.1          | 11.29                 | 346.6                  | -205.3       | 437.8                           | 397.0                   | 40.80                     | 10.729                    |          |
| 7,600.0                                                                                         | 7,526.3               | 7,558.1               | 7,544.3               | 21.9             | 19.3          | 11.85                 | 346.6                  | -205.3       | 426.1                           | 385.0                   | 41.16                     | 10.353                    |          |
| 7,650.0                                                                                         | 7,573.7               | 7,605.4               | 7,591.7               | 22.1             | 19.5          | 12.67                 | 346.6                  | -205.3       | 410.4                           | 368.9                   | 41.50                     | 9.889                     |          |
| 7,695.0                                                                                         | 7,614.9               | 7,646.7               | 7,632.9               | 22.2             | 19.6          | 13.68                 | 346.6                  | -205.3       | 392.9                           | 351.1                   | 41.79                     | 9.400                     |          |
| 7,700.0                                                                                         | 7,619.4               | 7,651.2               | 7,637.4               | 22.2             | 19.6          | 13.81                 | 346.6                  | -205.3       | 390.7                           | 348.9                   | 41.83                     | 9.341                     |          |
| 7,750.0                                                                                         | 7,663.2               | 7,695.0               | 7,681.2               | 22.4             | 19.8          | 15.39                 | 346.6                  | -205.3       | 367.3                           | 325.2                   | 42.13                     | 8.718                     |          |
| 7,790.0                                                                                         | 7,696.7               | 7,728.4               | 7,714.7               | 22.5             | 19.9          | 17.07                 | 346.6                  | -205.3       | 346.0                           | 303.6                   | 42.36                     | 8.168                     |          |
| 7,800.0                                                                                         | 7,704.8               | 7,736.6               | 7,722.8               | 22.5             | 19.9          | 17.56                 | 346.6                  | -205.3       | 340.3                           | 297.9                   | 42.41                     | 8.024                     |          |
| 7,850.0                                                                                         | 7,743.8               | 7,775.5               | 7,761.8               | 22.7             | 20.0          | 20.55                 | 346.6                  | -205.3       | 310.1                           | 267.4                   | 42.66                     | 7.269                     |          |
| 7,885.0                                                                                         | 7,769.4               | 7,801.1               | 7,787.4               | 22.8             | 20.1          | 23.34                 | 346.6                  | -205.3       | 287.2                           | 244.4                   | 42.81                     | 6.709                     |          |
| 7,900.0                                                                                         | 7,779.9               | 7,811.7               | 7,797.9               | 22.8             | 20.2          | 24.75                 | 346.6                  | -205.3       | 277.0                           | 234.1                   | 42.87                     | 6.462                     |          |
| 7,950.0                                                                                         | 7,812.9               | 7,844.6               | 7,830.9               | 22.9             | 20.3          | 30.71                 | 346.6                  | -205.3       | 241.5                           | 198.4                   | 43.02                     | 5.612                     |          |
| 7,980.0                                                                                         | 7,831.0               | 7,862.8               | 7,849.0               | 22.9             | 20.3          | 35.42                 | 346.6                  | -205.3       | 219.2                           | 176.2                   | 43.08                     | 5.090                     |          |
| 8,000.0                                                                                         | 7,842.4               | 7,874.2               | 7,860.4               | 23.0             | 20.4          | 39.15                 | 346.6                  | -205.3       | 204.2                           | 161.1                   | 43.09                     | 4.738                     |          |
| 8,050.0                                                                                         | 7,868.4               | 7,900.1               | 7,886.4               | 23.1             | 20.5          | 50.68                 | 346.6                  | -205.3       | 166.2                           | 123.1                   | 43.01                     | 3.863                     |          |
| 8,075.0                                                                                         | 7,879.9               | 7,911.6               | 7,897.9               | 23.1             | 20.5          | 57.51                 | 346.6                  | -205.3       | 147.5                           | 104.6                   | 42.87                     | 3.440                     |          |
| 8,100.0                                                                                         | 7,890.5               | 7,922.2               | 7,908.5               | 23.1             | 20.5          | 64.76                 | 346.6                  | -205.3       | 129.5                           | 86.9                    | 42.62                     | 3.039                     |          |
| 8,150.0                                                                                         | 7,908.6               | 7,940.3               | 7,926.6               | 23.2             | 20.6          | 78.79                 | 346.6                  | -205.3       | 98.8                            | 57.3                    | 41.56                     | 2.378                     |          |
| 8,170.0                                                                                         | 7,914.7               | 7,946.4               | 7,932.7               | 23.2             | 20.6          | 83.58                 | 346.6                  | -205.3       | 90.3                            | 49.4                    | 40.94                     | 2.206                     |          |
| 8,200.0                                                                                         | 7,922.6               | 7,954.3               | 7,940.6               | 23.2             | 20.6          | 89.37                 | 346.6                  | -205.3       | 84.2                            | 44.1                    | 40.14                     | 2.099 SF                  |          |
| 8,204.0                                                                                         | 7,923.5               | 7,955.3               | 7,941.5               | 23.2             | 20.7          | 90.00                 | 346.6                  | -205.3       | 84.1                            | 44.1                    | 40.08                     | 2.099 ES                  |          |
| 8,250.0                                                                                         | 7,932.3               | 7,964.1               | 7,950.3               | 23.2             | 20.7          | 94.67                 | 346.6                  | -205.3       | 95.5                            | 55.0                    | 40.52                     | 2.357                     |          |
| 8,265.0                                                                                         | 7,934.4               | 7,966.2               | 7,952.4               | 23.2             | 20.7          | 95.14                 | 346.6                  | -205.3       | 103.3                           | 62.4                    | 40.90                     | 2.526                     |          |
| 8,300.0                                                                                         | 7,937.8               | 7,969.5               | 7,955.8               | 23.2             | 20.7          | 94.22                 | 346.6                  | -205.3       | 126.8                           | 85.0                    | 41.74                     | 3.037                     |          |
| 8,336.0                                                                                         | 7,939.0               | 7,970.7               | 7,957.0               | 23.2             | 20.7          | 90.24                 | 346.6                  | -205.3       | 155.5                           | 113.2                   | 42.34                     | 3.673                     |          |
| 8,360.0                                                                                         | 7,939.1               | 7,970.8               | 7,957.1               | 23.2             | 20.7          | 90.28                 | 346.6                  | -205.3       | 176.2                           | 133.6                   | 42.62                     | 4.134                     |          |
| 8,400.0                                                                                         | 7,939.2               | 7,970.9               | 7,957.2               | 23.2             | 20.7          | 90.36                 | 346.6                  | -205.3       | 212.2                           | 169.3                   | 42.94                     | 4.942                     |          |
| 8,455.0                                                                                         | 7,939.3               | 7,971.1               | 7,957.3               | 23.2             | 20.7          | 90.46                 | 346.6                  | -205.3       | 263.6                           | 220.4                   | 43.21                     | 6.101                     |          |
| 8,500.0                                                                                         | 7,939.4               | 7,971.2               | 7,957.4               | 23.2             | 20.7          | 90.54                 | 346.6                  | -205.3       | 306.6                           | 263.2                   | 43.34                     | 7.073                     |          |
| 8,550.0                                                                                         | 7,939.6               | 7,971.3               | 7,957.6               | 23.2             | 20.7          | 90.63                 | 346.6                  | -205.3       | 354.9                           | 311.5                   | 43.45                     | 8.168                     |          |
| 8,600.0                                                                                         | 7,939.7               | 7,971.5               | 7,957.7               | 23.2             | 20.7          | 90.72                 | 346.6                  | -205.3       | 403.7                           | 360.1                   | 43.53                     | 9.274                     |          |
| 8,645.0                                                                                         | 7,939.8               | 7,971.6               | 7,957.8               | 23.2             | 20.7          | 90.80                 | 346.6                  | -205.3       | 447.8                           | 404.2                   | 43.58                     | 10.275                    |          |
| 8,700.0                                                                                         | 7,940.0               | 7,971.7               | 7,958.0               | 23.2             | 20.7          | 90.90                 | 346.6                  | -205.3       | 501.9                           | 458.3                   | 43.63                     | 11.504                    |          |
| 8,740.0                                                                                         | 7,940.1               | 7,971.8               | 7,958.1               | 23.2             | 20.7          | 90.98                 | 346.6                  | -205.3       | 541.4                           | 497.7                   | 43.66                     | 12.400                    |          |
| 8,800.0                                                                                         | 7,940.2               | 7,972.0               | 7,958.2               | 23.2             | 20.7          | 91.09                 | 346.6                  | -205.3       | 600.7                           | 557.0                   | 43.69                     | 13.748                    |          |
| 8,835.0                                                                                         | 7,940.3               | 7,972.1               | 7,958.3               | 23.3             | 20.7          | 91.15                 | 346.6                  | -205.3       | 635.4                           | 591.7                   | 43.71                     | 14.536                    |          |
| 8,900.0                                                                                         | 7,940.5               | 7,972.3               | 7,958.5               | 23.3             | 20.7          | 91.27                 | 346.6                  | -205.3       | 699.9                           | 656.1                   | 43.74                     | 16.000                    |          |
| 8,930.0                                                                                         | 7,940.6               | 7,972.3               | 7,958.6               | 23.3             | 20.7          | 91.32                 | 346.6                  | -205.3       | 729.7                           | 685.9                   | 43.75                     | 16.676                    |          |
| 9,000.0                                                                                         | 7,940.8               | 7,972.5               | 7,958.8               | 23.3             | 20.7          | 91.45                 | 346.6                  | -205.3       | 799.2                           | 755.5                   | 43.78                     | 18.256                    |          |
| 9,025.0                                                                                         | 7,940.8               | 7,972.6               | 7,958.8               | 23.3             | 20.7          | 91.50                 | 346.6                  | -205.3       | 824.1                           | 780.3                   | 43.79                     | 18.820                    |          |
| 9,100.0                                                                                         | 7,941.0               | 7,972.8               | 7,959.0               | 23.3             | 20.7          | 91.63                 | 346.6                  | -205.3       | 898.7                           | 854.9                   | 43.81                     | 20.513                    |          |
| 9,120.0                                                                                         | 7,941.1               | 7,972.9               | 7,959.1               | 23.3             | 20.7          | 91.67                 | 346.6                  | -205.3       | 918.7                           | 874.8                   | 43.82                     | 20.965                    |          |
| 9,200.0                                                                                         | 7,941.3               | 7,973.1               | 7,959.3               | 23.3             | 20.7          | 91.82                 | 346.6                  | -205.3       | 998.3                           | 954.5                   | 43.84                     | 22.772                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #709H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8485-MWD+IFR1+MS                                  |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Warning</b>               |                               |                     |                               |                                |                                  |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
|                                                                                                 |                              |                              |                              |                         |                      |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |          |
| 0.0                                                                                             | 0.0                          | 18.0                         | 18.0                         | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         |                                |                                  |                           |          |
| 95.0                                                                                            | 95.0                         | 113.0                        | 113.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.00                             | 33.450                    |          |
| 100.0                                                                                           | 100.0                        | 118.0                        | 118.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.00                             | 33.449                    |          |
| 190.0                                                                                           | 190.0                        | 208.0                        | 208.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.01                             | 33.399                    |          |
| 200.0                                                                                           | 200.0                        | 218.0                        | 218.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.01                             | 33.390                    |          |
| 285.0                                                                                           | 285.0                        | 303.0                        | 303.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.03                             | 33.292                    |          |
| 300.0                                                                                           | 300.0                        | 318.0                        | 318.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.03                             | 33.270                    |          |
| 380.0                                                                                           | 380.0                        | 398.0                        | 398.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.06                             | 33.131                    |          |
| 400.0                                                                                           | 400.0                        | 418.0                        | 418.0                        | 3.0                     | 3.0                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.7                          | 6.07                             | 33.090                    |          |
| 475.0                                                                                           | 475.0                        | 493.0                        | 493.0                        | 3.0                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.6                          | 6.10                             | 32.918                    |          |
| 500.0                                                                                           | 500.0                        | 518.0                        | 518.0                        | 3.1                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.6                          | 6.11                             | 32.853                    |          |
| 570.0                                                                                           | 570.0                        | 588.0                        | 588.0                        | 3.1                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.6                          | 6.15                             | 32.656                    |          |
| 600.0                                                                                           | 600.0                        | 618.0                        | 618.0                        | 3.1                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.6                          | 6.16                             | 32.564                    |          |
| 665.0                                                                                           | 665.0                        | 683.0                        | 683.0                        | 3.1                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.5                          | 6.21                             | 32.349                    |          |
| 700.0                                                                                           | 700.0                        | 718.0                        | 718.0                        | 3.1                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.5                          | 6.23                             | 32.225                    |          |
| 760.0                                                                                           | 760.0                        | 778.0                        | 778.0                        | 3.1                     | 3.1                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.5                          | 6.27                             | 32.001                    |          |
| 800.0                                                                                           | 800.0                        | 818.0                        | 818.0                        | 3.2                     | 3.2                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.4                          | 6.30                             | 31.843                    |          |
| 855.0                                                                                           | 855.0                        | 873.0                        | 873.0                        | 3.2                     | 3.2                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.4                          | 6.35                             | 31.615                    |          |
| 900.0                                                                                           | 900.0                        | 918.0                        | 918.0                        | 3.2                     | 3.2                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.3                          | 6.39                             | 31.421                    |          |
| 950.0                                                                                           | 950.0                        | 968.0                        | 968.0                        | 3.2                     | 3.2                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.3                          | 6.43                             | 31.198                    |          |
| 1,000.0                                                                                         | 1,000.0                      | 1,018.0                      | 1,018.0                      | 3.2                     | 3.3                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.3                          | 6.48                             | 30.967                    |          |
| 1,045.0                                                                                         | 1,045.0                      | 1,063.0                      | 1,063.0                      | 3.3                     | 3.3                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.2                          | 6.53                             | 30.752                    |          |
| 1,100.0                                                                                         | 1,100.0                      | 1,118.0                      | 1,118.0                      | 3.3                     | 3.3                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.1                          | 6.59                             | 30.483                    |          |
| 1,140.0                                                                                         | 1,140.0                      | 1,158.0                      | 1,158.0                      | 3.3                     | 3.3                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.1                          | 6.63                             | 30.283                    |          |
| 1,200.0                                                                                         | 1,200.0                      | 1,218.0                      | 1,218.0                      | 3.4                     | 3.4                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.0                          | 6.70                             | 29.977                    |          |
| 1,235.0                                                                                         | 1,235.0                      | 1,253.0                      | 1,253.0                      | 3.4                     | 3.4                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 194.0                          | 6.74                             | 29.795                    |          |
| 1,300.0                                                                                         | 1,300.0                      | 1,318.0                      | 1,318.0                      | 3.4                     | 3.4                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 193.9                          | 6.82                             | 29.452                    |          |
| 1,330.0                                                                                         | 1,330.0                      | 1,348.0                      | 1,348.0                      | 3.4                     | 3.4                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 193.9                          | 6.85                             | 29.291                    |          |
| 1,400.0                                                                                         | 1,400.0                      | 1,418.0                      | 1,418.0                      | 3.5                     | 3.5                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 193.8                          | 6.94                             | 28.913                    |          |
| 1,425.0                                                                                         | 1,425.0                      | 1,443.0                      | 1,443.0                      | 3.5                     | 3.5                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 193.8                          | 6.98                             | 28.776                    |          |
| 1,429.6                                                                                         | 1,429.6                      | 1,447.6                      | 1,447.6                      | 3.5                     | 3.5                  | -11.48                       | 196.7                         | -40.0               | 200.7                         | 193.8                          | 6.98                             | 28.751 CC                 |          |
| 1,500.0                                                                                         | 1,500.0                      | 1,517.3                      | 1,517.3                      | 3.5                     | 3.6                  | -11.49                       | 196.7                         | -40.0               | 200.8                         | 193.7                          | 7.07                             | 28.381 ES                 |          |
| 1,520.0                                                                                         | 1,520.0                      | 1,536.6                      | 1,536.6                      | 3.6                     | 3.6                  | -11.54                       | 196.8                         | -40.2               | 200.9                         | 193.8                          | 7.10                             | 28.298                    |          |
| 1,600.0                                                                                         | 1,600.0                      | 1,613.5                      | 1,613.5                      | 3.6                     | 3.6                  | -12.01                       | 197.6                         | -42.0               | 202.1                         | 194.9                          | 7.20                             | 28.077                    |          |
| 1,615.0                                                                                         | 1,615.0                      | 1,627.9                      | 1,627.9                      | 3.6                     | 3.6                  | -12.15                       | 197.8                         | -42.6               | 202.4                         | 195.2                          | 7.21                             | 28.062                    |          |
| 1,700.0                                                                                         | 1,700.0                      | 1,709.4                      | 1,709.2                      | 3.7                     | 3.7                  | -13.25                       | 199.6                         | -47.0               | 205.3                         | 198.0                          | 7.31                             | 28.092                    |          |
| 1,710.0                                                                                         | 1,710.0                      | 1,719.0                      | 1,718.8                      | 3.7                     | 3.7                  | -13.41                       | 199.9                         | -47.7               | 205.7                         | 198.4                          | 7.32                             | 28.110                    |          |
| 1,800.0                                                                                         | 1,800.0                      | 1,804.8                      | 1,804.3                      | 3.8                     | 3.7                  | -15.14                       | 202.9                         | -54.9               | 210.7                         | 203.3                          | 7.42                             | 28.404                    |          |
| 1,805.0                                                                                         | 1,805.0                      | 1,809.6                      | 1,809.0                      | 3.8                     | 3.7                  | -15.25                       | 203.1                         | -55.4               | 211.0                         | 203.6                          | 7.42                             | 28.428                    |          |
| 1,900.0                                                                                         | 1,900.0                      | 1,900.0                      | 1,898.7                      | 3.9                     | 3.7                  | -17.58                       | 207.4                         | -65.7               | 218.4                         | 210.9                          | 7.52                             | 29.036                    |          |
| 1,995.0                                                                                         | 1,995.0                      | 1,988.8                      | 1,986.5                      | 3.9                     | 3.8                  | -20.23                       | 212.7                         | -78.4               | 228.2                         | 220.6                          | 7.61                             | 29.968                    |          |
| 2,000.0                                                                                         | 2,000.0                      | 1,993.5                      | 1,991.1                      | 3.9                     | 3.8                  | -20.38                       | 213.0                         | -79.1               | 228.8                         | 221.2                          | 7.62                             | 30.027                    |          |
| 2,090.0                                                                                         | 2,090.0                      | 2,081.9                      | 2,078.1                      | 4.1                     | 3.8                  | -14.64                       | 218.9                         | -93.3               | 238.4                         | 230.6                          | 7.81                             | 30.509                    |          |
| 2,100.0                                                                                         | 2,100.0                      | 2,091.8                      | 2,087.8                      | 4.2                     | 3.9                  | -14.94                       | 219.5                         | -94.9               | 239.4                         | 231.5                          | 7.83                             | 30.550                    |          |
| 2,185.0                                                                                         | 2,184.9                      | 2,175.8                      | 2,170.6                      | 4.7                     | 3.9                  | -17.52                       | 225.1                         | -108.3              | 246.3                         | 238.0                          | 8.29                             | 29.708                    |          |
| 2,200.0                                                                                         | 2,199.8                      | 2,190.6                      | 2,185.2                      | 4.8                     | 3.9                  | -17.98                       | 226.1                         | -110.7              | 247.3                         | 238.9                          | 8.37                             | 29.549                    |          |
| 2,280.0                                                                                         | 2,279.6                      | 2,269.7                      | 2,263.1                      | 5.3                     | 4.0                  | -20.46                       | 231.4                         | -123.4              | 251.8                         | 243.0                          | 8.73                             | 28.827                    |          |
| 2,300.0                                                                                         | 2,299.5                      | 2,289.5                      | 2,282.5                      | 5.4                     | 4.0                  | -21.10                       | 232.7                         | -126.6              | 252.6                         | 243.8                          | 8.82                             | 28.630                    |          |
| 2,375.0                                                                                         | 2,373.9                      | 2,363.6                      | 2,355.5                      | 5.9                     | 4.0                  | -23.56                       | 237.6                         | -138.5              | 255.0                         | 245.9                          | 9.12                             | 27.976                    |          |
| 2,400.0                                                                                         | 2,398.7                      | 2,388.3                      | 2,379.9                      | 6.0                     | 4.0                  | -24.41                       | 239.3                         | -142.4              | 255.5                         | 246.3                          | 9.21                             | 27.750                    |          |
| 2,470.0                                                                                         | 2,467.9                      | 2,457.4                      | 2,447.9                      | 6.4                     | 4.1                  | -26.88                       | 243.9                         | -153.5              | 256.2                         | 246.8                          | 9.43                             | 27.159                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #709H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8485-MWD+IFR1+MS                                  |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation Factor</b>       |                                  | <b>Warning</b>           |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                           |          |
| 2,500.0                                                                                         | 2,497.5                      | 2,487.0                      | 2,477.0                      | 6.6                     | 4.1                  | -27.99                       | 245.8                                      | -158.2                    | 256.2                         | 246.7                          | 9.52                             | 26.904                   |                           |          |
| 2,550.1                                                                                         | 2,546.7                      | 2,536.3                      | 2,525.6                      | 6.7                     | 4.2                  | -29.92                       | 249.1                                      | -166.2                    | 255.8                         | 246.3                          | 9.56                             | 26.767                   |                           |          |
| 2,565.0                                                                                         | 2,561.4                      | 2,550.9                      | 2,540.0                      | 6.7                     | 4.2                  | -30.51                       | 250.1                                      | -168.5                    | 255.6                         | 246.1                          | 9.56                             | 26.748                   |                           |          |
| 2,600.0                                                                                         | 2,595.7                      | 2,585.4                      | 2,574.0                      | 6.7                     | 4.2                  | -31.89                       | 252.4                                      | -174.0                    | 255.3                         | 245.8                          | 9.56                             | 26.715                   |                           |          |
| 2,651.2                                                                                         | 2,646.0                      | 2,635.8                      | 2,623.6                      | 6.8                     | 4.2                  | -33.92                       | 255.7                                      | -182.1                    | 255.2                         | 245.6                          | 9.56                             | 26.687                   |                           |          |
| 2,660.0                                                                                         | 2,654.6                      | 2,644.4                      | 2,632.1                      | 6.8                     | 4.2                  | -34.27                       | 256.3                                      | -183.5                    | 255.2                         | 245.6                          | 9.56                             | 26.685                   |                           |          |
| 2,700.0                                                                                         | 2,693.9                      | 2,683.8                      | 2,670.8                      | 6.9                     | 4.3                  | -35.85                       | 258.9                                      | -189.8                    | 255.3                         | 245.8                          | 9.57                             | 26.686                   |                           |          |
| 2,755.0                                                                                         | 2,747.9                      | 2,737.9                      | 2,724.1                      | 7.0                     | 4.3                  | -38.02                       | 262.5                                      | -198.5                    | 255.9                         | 246.3                          | 9.59                             | 26.690                   |                           |          |
| 2,800.0                                                                                         | 2,792.0                      | 2,782.1                      | 2,767.7                      | 7.1                     | 4.4                  | -39.79                       | 265.5                                      | -205.6                    | 256.6                         | 247.0                          | 9.61                             | 26.711                   |                           |          |
| 2,850.0                                                                                         | 2,841.1                      | 2,831.3                      | 2,816.2                      | 7.1                     | 4.4                  | -41.74                       | 268.8                                      | -213.5                    | 257.7                         | 248.0                          | 9.64                             | 26.734                   |                           |          |
| 2,900.0                                                                                         | 2,890.2                      | 2,880.5                      | 2,864.6                      | 7.2                     | 4.4                  | -43.68                       | 272.0                                      | -221.4                    | 259.0                         | 249.4                          | 9.68                             | 26.770                   |                           |          |
| 2,945.0                                                                                         | 2,934.4                      | 2,924.8                      | 2,908.2                      | 7.3                     | 4.5                  | -45.40                       | 275.0                                      | -228.5                    | 260.6                         | 250.8                          | 9.72                             | 26.799                   |                           |          |
| 3,000.0                                                                                         | 2,988.4                      | 2,978.9                      | 2,961.5                      | 7.4                     | 4.5                  | -47.48                       | 278.6                                      | -237.1                    | 262.7                         | 252.9                          | 9.79                             | 26.843                   |                           |          |
| 3,040.0                                                                                         | 3,027.6                      | 3,018.3                      | 3,000.2                      | 7.5                     | 4.6                  | -48.96                       | 281.2                                      | -243.5                    | 264.5                         | 254.7                          | 9.84                             | 26.870                   |                           |          |
| 3,100.0                                                                                         | 3,086.5                      | 3,077.3                      | 3,058.4                      | 7.7                     | 4.6                  | -51.16                       | 285.1                                      | -252.9                    | 267.6                         | 257.6                          | 9.94                             | 26.915                   |                           |          |
| 3,135.0                                                                                         | 3,120.9                      | 3,111.7                      | 3,092.3                      | 7.7                     | 4.6                  | -52.41                       | 287.4                                      | -258.4                    | 269.5                         | 259.5                          | 10.01                            | 26.936                   |                           |          |
| 3,200.0                                                                                         | 3,184.7                      | 3,175.7                      | 3,155.3                      | 7.9                     | 4.7                  | -54.70                       | 291.7                                      | -268.7                    | 273.5                         | 263.4                          | 10.14                            | 26.976                   |                           |          |
| 3,230.0                                                                                         | 3,214.1                      | 3,205.2                      | 3,184.3                      | 8.0                     | 4.7                  | -55.73                       | 293.7                                      | -273.4                    | 275.5                         | 265.3                          | 10.21                            | 26.990                   |                           |          |
| 3,300.0                                                                                         | 3,282.8                      | 3,274.0                      | 3,252.1                      | 8.1                     | 4.8                  | -58.08                       | 298.2                                      | -284.5                    | 280.4                         | 270.1                          | 10.38                            | 27.023                   |                           |          |
| 3,325.0                                                                                         | 3,307.4                      | 3,298.6                      | 3,276.4                      | 8.2                     | 4.8                  | -58.90                       | 299.9                                      | -288.4                    | 282.3                         | 271.9                          | 10.44                            | 27.033                   |                           |          |
| 3,400.0                                                                                         | 3,381.0                      | 3,372.4                      | 3,349.0                      | 8.4                     | 4.9                  | -61.29                       | 304.8                                      | -300.3                    | 288.3                         | 277.7                          | 10.66                            | 27.059                   |                           |          |
| 3,420.0                                                                                         | 3,400.6                      | 3,392.1                      | 3,368.4                      | 8.4                     | 4.9                  | -61.91                       | 306.1                                      | -303.4                    | 290.0                         | 279.3                          | 10.72                            | 27.065                   |                           |          |
| 3,500.0                                                                                         | 3,479.2                      | 3,470.8                      | 3,445.9                      | 8.7                     | 5.0                  | -64.32                       | 311.3                                      | -316.0                    | 297.1                         | 286.1                          | 10.97                            | 27.087                   |                           |          |
| 3,515.0                                                                                         | 3,493.9                      | 3,485.6                      | 3,460.4                      | 8.7                     | 5.0                  | -64.76                       | 312.3                                      | -318.4                    | 298.5                         | 287.5                          | 11.02                            | 27.091                   |                           |          |
| 3,600.0                                                                                         | 3,577.3                      | 3,569.2                      | 3,542.8                      | 8.9                     | 5.1                  | -67.18                       | 317.9                                      | -331.8                    | 306.7                         | 295.4                          | 11.31                            | 27.113                   |                           |          |
| 3,610.0                                                                                         | 3,587.1                      | 3,579.0                      | 3,552.5                      | 9.0                     | 5.1                  | -67.46                       | 318.6                                      | -333.4                    | 307.7                         | 296.3                          | 11.35                            | 27.116                   |                           |          |
| 3,700.0                                                                                         | 3,675.5                      | 3,667.6                      | 3,639.7                      | 9.2                     | 5.2                  | -69.86                       | 324.4                                      | -347.6                    | 317.0                         | 305.3                          | 11.68                            | 27.142                   |                           |          |
| 3,705.0                                                                                         | 3,680.4                      | 3,672.5                      | 3,644.5                      | 9.2                     | 5.2                  | -69.99                       | 324.8                                      | -348.4                    | 317.5                         | 305.8                          | 11.70                            | 27.143                   |                           |          |
| 3,800.0                                                                                         | 3,773.7                      | 3,765.9                      | 3,736.6                      | 9.5                     | 5.3                  | -72.38                       | 331.0                                      | -363.4                    | 327.9                         | 315.9                          | 12.07                            | 27.176                   |                           |          |
| 3,895.0                                                                                         | 3,866.9                      | 3,859.4                      | 3,828.6                      | 9.8                     | 5.4                  | -74.61                       | 337.2                                      | -378.3                    | 338.9                         | 326.4                          | 12.45                            | 27.216                   |                           |          |
| 3,900.0                                                                                         | 3,871.8                      | 3,864.3                      | 3,833.5                      | 9.8                     | 5.4                  | -74.72                       | 337.5                                      | -379.1                    | 339.5                         | 327.0                          | 12.47                            | 27.218                   |                           |          |
| 3,990.0                                                                                         | 3,960.2                      | 3,952.9                      | 3,920.7                      | 10.1                    | 5.5                  | -76.71                       | 343.4                                      | -393.3                    | 350.3                         | 337.5                          | 12.85                            | 27.264                   |                           |          |
| 4,000.0                                                                                         | 3,970.0                      | 3,962.7                      | 3,930.3                      | 10.1                    | 5.5                  | -76.92                       | 344.1                                      | -394.9                    | 351.6                         | 338.7                          | 12.89                            | 27.270                   |                           |          |
| 4,085.0                                                                                         | 4,053.4                      | 4,046.3                      | 4,012.7                      | 10.3                    | 5.6                  | -78.67                       | 349.7                                      | -408.3                    | 362.2                         | 349.0                          | 13.26                            | 27.321                   |                           |          |
| 4,100.0                                                                                         | 4,068.1                      | 4,061.1                      | 4,027.2                      | 10.4                    | 5.6                  | -78.97                       | 350.7                                      | -410.7                    | 364.1                         | 350.8                          | 13.32                            | 27.331                   |                           |          |
| 4,180.0                                                                                         | 4,146.7                      | 4,139.8                      | 4,104.7                      | 10.6                    | 5.7                  | -80.50                       | 355.9                                      | -423.3                    | 374.5                         | 360.8                          | 13.68                            | 27.386                   |                           |          |
| 4,200.0                                                                                         | 4,166.3                      | 4,159.4                      | 4,124.1                      | 10.7                    | 5.7                  | -80.88                       | 357.2                                      | -426.5                    | 377.1                         | 363.4                          | 13.76                            | 27.401                   |                           |          |
| 4,275.0                                                                                         | 4,239.9                      | 4,233.2                      | 4,196.8                      | 10.9                    | 5.8                  | -82.22                       | 362.1                                      | -438.3                    | 387.2                         | 373.1                          | 14.10                            | 27.458                   |                           |          |
| 4,300.0                                                                                         | 4,264.5                      | 4,257.8                      | 4,221.0                      | 11.0                    | 5.8                  | -82.66                       | 363.8                                      | -442.2                    | 390.5                         | 376.3                          | 14.21                            | 27.479                   |                           |          |
| 4,370.0                                                                                         | 4,333.2                      | 4,326.7                      | 4,288.8                      | 11.2                    | 5.9                  | -83.84                       | 368.3                                      | -453.3                    | 400.1                         | 385.6                          | 14.53                            | 27.537                   |                           |          |
| 4,400.0                                                                                         | 4,362.6                      | 4,356.2                      | 4,317.9                      | 11.3                    | 5.9                  | -84.32                       | 370.3                                      | -458.0                    | 404.3                         | 389.6                          | 14.67                            | 27.563                   |                           |          |
| 4,465.0                                                                                         | 4,426.4                      | 4,420.2                      | 4,380.9                      | 11.5                    | 6.0                  | -85.35                       | 374.6                                      | -468.3                    | 413.4                         | 398.4                          | 14.97                            | 27.621                   |                           |          |
| 4,500.0                                                                                         | 4,460.8                      | 4,454.6                      | 4,414.8                      | 11.6                    | 6.0                  | -85.88                       | 376.9                                      | -473.8                    | 418.3                         | 403.2                          | 15.13                            | 27.653                   |                           |          |
| 4,560.0                                                                                         | 4,519.7                      | 4,513.6                      | 4,472.9                      | 11.8                    | 6.1                  | -86.76                       | 380.8                                      | -483.3                    | 426.9                         | 411.5                          | 15.41                            | 27.709                   |                           |          |
| 4,600.0                                                                                         | 4,559.0                      | 4,553.0                      | 4,511.6                      | 12.0                    | 6.1                  | -87.34                       | 383.4                                      | -489.6                    | 432.7                         | 417.1                          | 15.59                            | 27.747                   |                           |          |
| 4,655.0                                                                                         | 4,612.9                      | 4,607.1                      | 4,564.9                      | 12.1                    | 6.2                  | -88.10                       | 387.0                                      | -498.3                    | 440.7                         | 424.8                          | 15.85                            | 27.801                   |                           |          |
| 4,700.0                                                                                         | 4,657.1                      | 4,651.3                      | 4,608.5                      | 12.3                    | 6.3                  | -88.70                       | 390.0                                      | -505.4                    | 447.3                         | 431.2                          | 16.06                            | 27.845                   |                           |          |
| 4,750.0                                                                                         | 4,706.2                      | 4,700.5                      | 4,657.0                      | 12.5                    | 6.3                  | -89.35                       | 393.2                                      | -513.2                    | 454.7                         | 438.4                          | 16.30                            | 27.895                   |                           |          |
| 4,800.0                                                                                         | 4,755.3                      | 4,749.7                      | 4,705.4                      | 12.6                    | 6.4                  | -89.97                       | 396.5                                      | -521.1                    | 462.1                         | 445.6                          | 16.54                            | 27.945                   |                           |          |
| 4,845.0                                                                                         | 4,799.4                      | 4,794.0                      | 4,749.0                      | 12.8                    | 6.4                  | -90.52                       | 399.5                                      | -528.2                    | 468.9                         | 452.1                          | 16.75                            | 27.990                   |                           |          |
| 4,900.0                                                                                         | 4,853.4                      | 4,848.1                      | 4,802.3                      | 13.0                    | 6.5                  | -91.17                       | 403.1                                      | -536.9                    | 477.2                         | 460.2                          | 17.01                            | 28.045                   |                           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #709H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8485-MWD+IFR1+MS                                  |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Rule Assigned:</b>        |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
|                                                                                                 |                              |                              |                              |                         |                      |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 4,940.0                                                                                         | 4,892.7                      | 4,887.5                      | 4,841.1                      | 13.1                    | 6.5                  | -91.63                       | 405.7                         | -543.2              | 483.3                         | 466.1                          | 17.21                            | 28.086                    |                |
| 5,000.0                                                                                         | 4,951.6                      | 4,946.5                      | 4,899.2                      | 13.3                    | 6.6                  | -92.29                       | 409.6                         | -552.7              | 492.4                         | 474.9                          | 17.50                            | 28.147                    |                |
| 5,035.0                                                                                         | 4,986.0                      | 4,980.9                      | 4,933.1                      | 13.4                    | 6.6                  | -92.67                       | 411.9                         | -558.2              | 497.8                         | 480.2                          | 17.66                            | 28.182                    |                |
| 5,100.0                                                                                         | 5,049.8                      | 5,044.9                      | 4,996.1                      | 13.6                    | 6.7                  | -93.35                       | 416.2                         | -568.5              | 507.9                         | 489.9                          | 17.98                            | 28.248                    |                |
| 5,130.0                                                                                         | 5,079.2                      | 5,074.4                      | 5,025.1                      | 13.7                    | 6.8                  | -93.65                       | 418.1                         | -573.2              | 512.5                         | 494.4                          | 18.12                            | 28.278                    |                |
| 5,200.0                                                                                         | 5,147.9                      | 5,143.2                      | 5,093.0                      | 14.0                    | 6.8                  | -94.34                       | 422.7                         | -584.2              | 523.4                         | 505.0                          | 18.46                            | 28.348                    |                |
| 5,225.0                                                                                         | 5,172.5                      | 5,167.8                      | 5,117.2                      | 14.1                    | 6.9                  | -94.58                       | 424.3                         | -588.2              | 527.4                         | 508.8                          | 18.59                            | 28.373                    |                |
| 5,300.0                                                                                         | 5,246.1                      | 5,241.6                      | 5,189.8                      | 14.3                    | 7.0                  | -95.28                       | 429.3                         | -600.0              | 539.2                         | 520.2                          | 18.95                            | 28.447                    |                |
| 5,320.0                                                                                         | 5,265.7                      | 5,261.3                      | 5,209.2                      | 14.4                    | 7.0                  | -95.46                       | 430.6                         | -603.2              | 542.3                         | 523.3                          | 19.05                            | 28.466                    |                |
| 5,400.0                                                                                         | 5,344.2                      | 5,343.1                      | 5,289.8                      | 14.7                    | 7.1                  | -96.20                       | 436.0                         | -616.2              | 554.9                         | 535.5                          | 19.46                            | 28.522                    |                |
| 5,415.0                                                                                         | 5,359.0                      | 5,359.0                      | 5,305.5                      | 14.7                    | 7.1                  | -96.35                       | 437.0                         | -618.6              | 557.2                         | 537.7                          | 19.53                            | 28.525                    |                |
| 5,500.0                                                                                         | 5,442.4                      | 5,449.7                      | 5,395.1                      | 15.0                    | 7.2                  | -97.21                       | 442.4                         | -631.7              | 569.7                         | 549.7                          | 19.98                            | 28.513                    |                |
| 5,510.0                                                                                         | 5,452.2                      | 5,460.4                      | 5,405.6                      | 15.0                    | 7.2                  | -97.32                       | 443.0                         | -633.1              | 571.1                         | 551.0                          | 20.03                            | 28.509                    |                |
| 5,600.0                                                                                         | 5,540.6                      | 5,556.5                      | 5,500.8                      | 15.4                    | 7.4                  | -98.30                       | 448.1                         | -645.4              | 583.1                         | 562.6                          | 20.50                            | 28.444                    |                |
| 5,605.0                                                                                         | 5,545.5                      | 5,561.9                      | 5,506.1                      | 15.4                    | 7.4                  | -98.36                       | 448.4                         | -646.0              | 583.8                         | 563.3                          | 20.53                            | 28.439                    |                |
| 5,700.0                                                                                         | 5,638.7                      | 5,663.5                      | 5,607.0                      | 15.7                    | 7.5                  | -99.46                       | 453.1                         | -657.3              | 595.4                         | 574.4                          | 21.02                            | 28.323                    |                |
| 5,795.0                                                                                         | 5,732.0                      | 5,765.1                      | 5,708.1                      | 16.0                    | 7.6                  | -100.64                      | 457.0                         | -666.9              | 606.0                         | 584.5                          | 21.52                            | 28.166                    |                |
| 5,800.0                                                                                         | 5,736.9                      | 5,770.5                      | 5,713.4                      | 16.1                    | 7.6                  | -100.70                      | 457.2                         | -667.4              | 606.5                         | 585.0                          | 21.54                            | 28.157                    |                |
| 5,889.3                                                                                         | 5,824.6                      | 5,866.0                      | 5,808.7                      | 16.4                    | 7.7                  | -101.88                      | 460.3                         | -674.9              | 615.5                         | 593.5                          | 22.00                            | 27.981                    |                |
| 5,890.0                                                                                         | 5,825.2                      | 5,866.7                      | 5,809.4                      | 16.4                    | 7.7                  | -101.89                      | 460.4                         | -674.9              | 615.6                         | 593.6                          | 22.00                            | 27.979                    |                |
| 5,900.0                                                                                         | 5,835.1                      | 5,877.4                      | 5,820.0                      | 16.4                    | 7.7                  | -102.03                      | 460.7                         | -675.6              | 616.5                         | 594.5                          | 22.05                            | 27.959                    |                |
| 5,985.0                                                                                         | 5,918.6                      | 5,968.4                      | 5,910.8                      | 16.7                    | 7.8                  | -103.22                      | 463.0                         | -681.2              | 624.1                         | 601.6                          | 22.47                            | 27.770                    |                |
| 6,000.0                                                                                         | 5,933.4                      | 5,984.5                      | 5,926.9                      | 16.7                    | 7.8                  | -103.42                      | 463.3                         | -682.1              | 625.3                         | 602.7                          | 22.55                            | 27.732                    |                |
| 6,080.0                                                                                         | 6,012.3                      | 6,070.2                      | 6,012.5                      | 17.0                    | 7.9                  | -104.47                      | 464.9                         | -685.9              | 631.2                         | 608.3                          | 22.94                            | 27.517                    |                |
| 6,100.0                                                                                         | 6,032.1                      | 6,091.7                      | 6,033.9                      | 17.1                    | 7.9                  | -104.72                      | 465.2                         | -686.6              | 632.6                         | 609.5                          | 23.04                            | 27.458                    |                |
| 6,175.0                                                                                         | 6,106.2                      | 6,172.1                      | 6,114.3                      | 17.3                    | 8.0                  | -105.65                      | 466.1                         | -688.8              | 637.1                         | 613.7                          | 23.39                            | 27.232                    |                |
| 6,200.0                                                                                         | 6,131.0                      | 6,198.9                      | 6,141.1                      | 17.4                    | 8.0                  | -105.95                      | 466.4                         | -689.4              | 638.4                         | 614.9                          | 23.51                            | 27.151                    |                |
| 6,270.0                                                                                         | 6,200.4                      | 6,274.0                      | 6,216.2                      | 17.7                    | 8.1                  | -106.77                      | 466.7                         | -690.2              | 641.5                         | 617.7                          | 23.82                            | 26.929                    |                |
| 6,300.0                                                                                         | 6,230.2                      | 6,306.2                      | 6,248.4                      | 17.8                    | 8.2                  | -107.11                      | 466.7                         | -690.2              | 642.7                         | 618.7                          | 23.96                            | 26.826                    |                |
| 6,365.0                                                                                         | 6,294.7                      | 6,370.5                      | 6,312.7                      | 18.0                    | 8.2                  | -107.76                      | 466.7                         | -690.2              | 644.9                         | 620.7                          | 24.21                            | 26.634                    |                |
| 6,400.0                                                                                         | 6,329.5                      | 6,405.3                      | 6,347.5                      | 18.1                    | 8.2                  | -108.08                      | 466.7                         | -690.2              | 646.0                         | 621.7                          | 24.35                            | 26.529                    |                |
| 6,460.0                                                                                         | 6,389.3                      | 6,465.0                      | 6,407.3                      | 18.3                    | 8.3                  | -108.59                      | 466.7                         | -690.2              | 647.9                         | 623.3                          | 24.59                            | 26.350                    |                |
| 6,500.0                                                                                         | 6,429.1                      | 6,504.9                      | 6,447.1                      | 18.5                    | 8.3                  | -108.90                      | 466.7                         | -690.2              | 649.0                         | 624.3                          | 24.75                            | 26.229                    |                |
| 6,555.0                                                                                         | 6,483.9                      | 6,559.7                      | 6,501.9                      | 18.6                    | 8.4                  | -109.28                      | 466.7                         | -690.2              | 650.5                         | 625.5                          | 24.96                            | 26.063                    |                |
| 6,600.0                                                                                         | 6,528.8                      | 6,604.6                      | 6,546.8                      | 18.8                    | 8.4                  | -109.56                      | 466.7                         | -690.2              | 651.6                         | 626.4                          | 25.13                            | 25.925                    |                |
| 6,650.0                                                                                         | 6,578.7                      | 6,654.5                      | 6,596.7                      | 19.0                    | 8.5                  | -109.83                      | 466.7                         | -690.2              | 652.6                         | 627.3                          | 25.33                            | 25.771                    |                |
| 6,700.0                                                                                         | 6,628.6                      | 6,704.4                      | 6,646.6                      | 19.1                    | 8.5                  | -110.06                      | 466.7                         | -690.2              | 653.6                         | 628.1                          | 25.52                            | 25.614                    |                |
| 6,745.0                                                                                         | 6,673.6                      | 6,749.4                      | 6,691.6                      | 19.3                    | 8.6                  | -110.24                      | 466.7                         | -690.2              | 654.3                         | 628.6                          | 25.69                            | 25.472                    |                |
| 6,800.0                                                                                         | 6,728.5                      | 6,804.3                      | 6,746.5                      | 19.5                    | 8.6                  | -110.42                      | 466.7                         | -690.2              | 655.0                         | 629.1                          | 25.89                            | 25.296                    |                |
| 6,840.0                                                                                         | 6,768.5                      | 6,844.3                      | 6,786.5                      | 19.6                    | 8.7                  | -110.52                      | 466.7                         | -690.2              | 655.4                         | 629.4                          | 26.04                            | 25.166                    |                |
| 6,900.0                                                                                         | 6,828.5                      | 6,904.3                      | 6,846.5                      | 19.8                    | 8.8                  | -110.63                      | 466.7                         | -690.2              | 655.9                         | 629.6                          | 26.27                            | 24.969                    |                |
| 6,935.0                                                                                         | 6,863.5                      | 6,939.3                      | 6,881.5                      | 19.9                    | 8.8                  | -110.66                      | 466.7                         | -690.2              | 656.0                         | 629.6                          | 26.40                            | 24.853                    |                |
| 6,989.5                                                                                         | 6,918.0                      | 6,993.8                      | 6,936.0                      | 20.1                    | 8.8                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 629.5                          | 26.60                            | 24.670                    |                |
| 7,000.0                                                                                         | 6,928.5                      | 7,004.3                      | 6,946.5                      | 20.1                    | 8.9                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 629.5                          | 26.63                            | 24.636                    |                |
| 7,030.0                                                                                         | 6,958.5                      | 7,034.3                      | 6,976.5                      | 20.2                    | 8.9                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 629.4                          | 26.74                            | 24.537                    |                |
| 7,100.0                                                                                         | 7,028.5                      | 7,104.3                      | 7,046.5                      | 20.4                    | 9.0                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 629.1                          | 26.99                            | 24.309                    |                |
| 7,125.0                                                                                         | 7,053.5                      | 7,129.3                      | 7,071.5                      | 20.5                    | 9.0                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 629.0                          | 27.08                            | 24.226                    |                |
| 7,200.0                                                                                         | 7,128.5                      | 7,204.3                      | 7,146.5                      | 20.7                    | 9.1                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 628.8                          | 27.36                            | 23.980                    |                |
| 7,220.0                                                                                         | 7,148.5                      | 7,224.3                      | 7,166.5                      | 20.8                    | 9.1                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 628.7                          | 27.44                            | 23.914                    |                |
| 7,300.0                                                                                         | 7,228.5                      | 7,304.3                      | 7,246.5                      | 21.1                    | 9.2                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 628.4                          | 27.73                            | 23.657                    |                |
| 7,315.0                                                                                         | 7,243.5                      | 7,319.3                      | 7,261.5                      | 21.1                    | 9.2                  | -119.17                      | 466.7                         | -690.2              | 656.1                         | 628.3                          | 27.79                            | 23.609                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #709H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8485-MWD+IFR1+MS                                  |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>  |                           |          |
| 7,400.0                                                                                         | 7,328.5                      | 7,404.3                      | 7,346.5                      | 21.4                    | 9.3                  | -119.17                      | 466.7                                      | -690.2                    | 656.1                         | 628.0                          | 28.11          | 23.342                    |          |
| 7,410.0                                                                                         | 7,338.5                      | 7,414.3                      | 7,356.5                      | 21.4                    | 9.3                  | -119.17                      | 466.7                                      | -690.2                    | 656.1                         | 628.0                          | 28.13          | 23.325                    |          |
| 7,437.5                                                                                         | 7,366.0                      | 7,441.8                      | 7,384.0                      | 21.5                    | 9.3                  | -119.17                      | 466.7                                      | -690.2                    | 656.1                         | 627.9                          | 28.19          | 23.279                    |          |
| 7,450.0                                                                                         | 7,378.5                      | 7,454.3                      | 7,396.5                      | 21.5                    | 9.3                  | 60.35                        | 466.7                                      | -690.2                    | 656.1                         | 627.9                          | 28.19          | 23.273                    |          |
| 7,500.0                                                                                         | 7,428.4                      | 7,504.2                      | 7,446.4                      | 21.5                    | 9.4                  | 60.74                        | 466.7                                      | -690.2                    | 654.5                         | 626.2                          | 28.22          | 23.187                    |          |
| 7,505.0                                                                                         | 7,433.4                      | 7,509.1                      | 7,451.4                      | 21.6                    | 9.4                  | 60.81                        | 466.7                                      | -690.2                    | 654.2                         | 625.9                          | 28.23          | 23.172                    |          |
| 7,550.0                                                                                         | 7,477.8                      | 7,553.6                      | 7,495.8                      | 21.7                    | 9.4                  | 61.64                        | 466.7                                      | -690.2                    | 650.8                         | 622.5                          | 28.28          | 23.010                    |          |
| 7,600.0                                                                                         | 7,526.3                      | 7,602.1                      | 7,544.3                      | 21.9                    | 9.5                  | 63.05                        | 466.7                                      | -690.2                    | 645.1                         | 616.8                          | 28.32          | 22.780                    |          |
| 7,650.0                                                                                         | 7,573.7                      | 7,649.5                      | 7,591.7                      | 22.1                    | 9.5                  | 64.96                        | 466.7                                      | -690.2                    | 637.8                         | 609.4                          | 28.34          | 22.507                    |          |
| 7,695.0                                                                                         | 7,614.9                      | 7,690.7                      | 7,632.9                      | 22.2                    | 9.6                  | 67.06                        | 466.7                                      | -690.2                    | 629.9                         | 601.6                          | 28.33          | 22.232                    |          |
| 7,700.0                                                                                         | 7,619.4                      | 7,695.2                      | 7,637.4                      | 22.2                    | 9.6                  | 67.32                        | 466.7                                      | -690.2                    | 629.0                         | 600.7                          | 28.33          | 22.201                    |          |
| 7,750.0                                                                                         | 7,663.2                      | 7,739.0                      | 7,681.2                      | 22.4                    | 9.6                  | 70.08                        | 466.7                                      | -690.2                    | 619.2                         | 590.9                          | 28.31          | 21.875                    |          |
| 7,790.0                                                                                         | 7,696.7                      | 7,772.5                      | 7,714.7                      | 22.5                    | 9.7                  | 72.53                        | 466.7                                      | -690.2                    | 611.0                         | 582.7                          | 28.27          | 21.610                    |          |
| 7,800.0                                                                                         | 7,704.8                      | 7,780.6                      | 7,722.8                      | 22.5                    | 9.7                  | 73.17                        | 466.7                                      | -690.2                    | 608.9                         | 580.7                          | 28.27          | 21.543                    |          |
| 7,850.0                                                                                         | 7,743.8                      | 7,819.6                      | 7,761.8                      | 22.7                    | 9.7                  | 76.46                        | 466.7                                      | -690.2                    | 598.7                         | 570.4                          | 28.21          | 21.220                    |          |
| 7,885.0                                                                                         | 7,769.4                      | 7,845.2                      | 7,787.4                      | 22.8                    | 9.7                  | 78.82                        | 466.7                                      | -690.2                    | 591.8                         | 563.6                          | 28.17          | 21.007                    |          |
| 7,900.0                                                                                         | 7,779.9                      | 7,855.7                      | 7,797.9                      | 22.8                    | 9.7                  | 79.82                        | 466.7                                      | -690.2                    | 589.0                         | 560.9                          | 28.16          | 20.920                    |          |
| 7,950.0                                                                                         | 7,812.9                      | 7,888.6                      | 7,830.9                      | 22.9                    | 9.8                  | 83.09                        | 466.7                                      | -690.2                    | 580.7                         | 552.6                          | 28.11          | 20.657                    |          |
| 7,980.0                                                                                         | 7,831.0                      | 7,906.8                      | 7,849.0                      | 22.9                    | 9.8                  | 84.93                        | 466.7                                      | -690.2                    | 576.7                         | 548.6                          | 28.10          | 20.522                    |          |
| 8,000.0                                                                                         | 7,842.4                      | 7,918.2                      | 7,860.4                      | 23.0                    | 9.8                  | 86.09                        | 466.7                                      | -690.2                    | 574.4                         | 546.3                          | 28.10          | 20.445                    |          |
| 8,050.0                                                                                         | 7,868.4                      | 7,944.1                      | 7,886.4                      | 23.1                    | 9.8                  | 88.68                        | 466.7                                      | -690.2                    | 570.8                         | 542.7                          | 28.12          | 20.297                    |          |
| 8,075.0                                                                                         | 7,879.9                      | 7,955.7                      | 7,897.9                      | 23.1                    | 9.9                  | 89.77                        | 466.7                                      | -690.2                    | 570.2                         | 542.0                          | 28.16          | 20.250                    |          |
| 8,080.8                                                                                         | 7,882.4                      | 7,958.2                      | 7,900.4                      | 23.1                    | 9.9                  | 90.00                        | 466.7                                      | -690.2                    | 570.1                         | 542.0                          | 28.17          | 20.242                    |          |
| 8,100.0                                                                                         | 7,890.5                      | 7,966.2                      | 7,908.5                      | 23.1                    | 9.9                  | 90.71                        | 466.7                                      | -690.2                    | 570.4                         | 542.2                          | 28.20          | 20.225 SF                 |          |
| 8,150.0                                                                                         | 7,908.6                      | 7,984.4                      | 7,926.6                      | 23.2                    | 9.9                  | 92.07                        | 466.7                                      | -690.2                    | 573.7                         | 545.4                          | 28.35          | 20.240                    |          |
| 8,170.0                                                                                         | 7,914.7                      | 7,990.5                      | 7,932.7                      | 23.2                    | 9.9                  | 92.40                        | 466.7                                      | -690.2                    | 576.1                         | 547.7                          | 28.42          | 20.272                    |          |
| 8,200.0                                                                                         | 7,922.6                      | 7,998.4                      | 7,940.6                      | 23.2                    | 9.9                  | 92.67                        | 466.7                                      | -690.2                    | 581.0                         | 552.5                          | 28.55          | 20.351                    |          |
| 8,250.0                                                                                         | 7,932.3                      | 8,008.1                      | 7,950.3                      | 23.2                    | 9.9                  | 92.46                        | 466.7                                      | -690.2                    | 592.4                         | 563.6                          | 28.80          | 20.567                    |          |
| 8,265.0                                                                                         | 7,934.4                      | 8,010.2                      | 7,952.4                      | 23.2                    | 9.9                  | 92.23                        | 466.7                                      | -690.2                    | 596.6                         | 567.7                          | 28.89          | 20.652                    |          |
| 8,300.0                                                                                         | 7,937.8                      | 8,013.6                      | 7,955.8                      | 23.2                    | 9.9                  | 91.39                        | 466.7                                      | -690.2                    | 607.8                         | 578.7                          | 29.10          | 20.890                    |          |
| 8,336.0                                                                                         | 7,939.0                      | 8,014.8                      | 7,957.0                      | 23.2                    | 9.9                  | 90.07                        | 466.7                                      | -690.2                    | 621.2                         | 591.9                          | 29.32          | 21.189                    |          |
| 8,360.0                                                                                         | 7,939.1                      | 8,014.8                      | 7,957.1                      | 23.2                    | 9.9                  | 90.07                        | 466.7                                      | -690.2                    | 631.1                         | 601.7                          | 29.47          | 21.417                    |          |
| 8,400.0                                                                                         | 7,939.2                      | 8,015.0                      | 7,957.2                      | 23.2                    | 9.9                  | 90.08                        | 466.7                                      | -690.2                    | 649.3                         | 619.6                          | 29.72          | 21.848                    |          |
| 8,455.0                                                                                         | 7,939.3                      | 8,015.1                      | 7,957.3                      | 23.2                    | 9.9                  | 90.10                        | 466.7                                      | -690.2                    | 677.3                         | 647.3                          | 30.06          | 22.532                    |          |
| 8,500.0                                                                                         | 7,939.4                      | 8,015.2                      | 7,957.4                      | 23.2                    | 9.9                  | 90.11                        | 466.7                                      | -690.2                    | 702.6                         | 672.3                          | 30.32          | 23.171                    |          |
| 8,550.0                                                                                         | 7,939.6                      | 8,015.4                      | 7,957.6                      | 23.2                    | 9.9                  | 90.12                        | 466.7                                      | -690.2                    | 733.0                         | 702.4                          | 30.60          | 23.951                    |          |
| 8,600.0                                                                                         | 7,939.7                      | 8,015.5                      | 7,957.7                      | 23.2                    | 9.9                  | 90.14                        | 466.7                                      | -690.2                    | 765.4                         | 734.5                          | 30.86          | 24.805                    |          |
| 8,645.0                                                                                         | 7,939.8                      | 8,015.6                      | 7,957.8                      | 23.2                    | 9.9                  | 90.15                        | 466.7                                      | -690.2                    | 796.1                         | 765.1                          | 31.07          | 25.625                    |          |
| 8,700.0                                                                                         | 7,940.0                      | 8,015.8                      | 7,958.0                      | 23.2                    | 9.9                  | 90.16                        | 466.7                                      | -690.2                    | 835.4                         | 804.1                          | 31.30          | 26.693                    |          |
| 8,740.0                                                                                         | 7,940.1                      | 8,015.9                      | 7,958.1                      | 23.2                    | 9.9                  | 90.18                        | 466.7                                      | -690.2                    | 865.1                         | 833.7                          | 31.45          | 27.506                    |          |
| 8,800.0                                                                                         | 7,940.2                      | 8,016.0                      | 7,958.2                      | 23.2                    | 9.9                  | 90.19                        | 466.7                                      | -690.2                    | 911.1                         | 879.4                          | 31.65          | 28.782                    |          |
| 8,835.0                                                                                         | 7,940.3                      | 8,016.1                      | 7,958.3                      | 23.3                    | 9.9                  | 90.20                        | 466.7                                      | -690.2                    | 938.7                         | 906.9                          | 31.76          | 29.552                    |          |
| 8,900.0                                                                                         | 7,940.5                      | 8,016.3                      | 7,958.5                      | 23.3                    | 9.9                  | 90.22                        | 466.7                                      | -690.2                    | 991.1                         | 959.1                          | 31.94          | 31.029                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                          |                |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------------------------|--------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #710H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                          |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 8540-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                                            |                     |                               |                                |                          |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum</b>      |                               | <b>Separation</b>              |                          | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Separation (usft)</b> | <b>Factor</b>  |                           |          |
| 0.0                                                                                             | 0.0                          | 18.0                         | 18.0                         | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         |                                |                          |                |                           |          |
| 95.0                                                                                            | 95.0                         | 113.0                        | 113.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.7                          | 6.00                     | 34.773         |                           |          |
| 100.0                                                                                           | 100.0                        | 118.0                        | 118.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.7                          | 6.00                     | 34.772         |                           |          |
| 190.0                                                                                           | 190.0                        | 208.0                        | 208.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.7                          | 6.01                     | 34.723         |                           |          |
| 200.0                                                                                           | 200.0                        | 218.0                        | 218.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.7                          | 6.01                     | 34.714         |                           |          |
| 285.0                                                                                           | 285.0                        | 303.0                        | 303.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.6                          | 6.03                     | 34.617         |                           |          |
| 300.0                                                                                           | 300.0                        | 318.0                        | 318.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.6                          | 6.03                     | 34.596         |                           |          |
| 380.0                                                                                           | 380.0                        | 398.0                        | 398.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.6                          | 6.06                     | 34.458         |                           |          |
| 400.0                                                                                           | 400.0                        | 418.0                        | 418.0                        | 3.0                     | 3.0                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.6                          | 6.06                     | 34.418         |                           |          |
| 475.0                                                                                           | 475.0                        | 493.0                        | 493.0                        | 3.0                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.6                          | 6.09                     | 34.248         |                           |          |
| 500.0                                                                                           | 500.0                        | 518.0                        | 518.0                        | 3.1                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.6                          | 6.10                     | 34.185         |                           |          |
| 570.0                                                                                           | 570.0                        | 588.0                        | 588.0                        | 3.1                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.5                          | 6.14                     | 33.990         |                           |          |
| 600.0                                                                                           | 600.0                        | 618.0                        | 618.0                        | 3.1                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.5                          | 6.16                     | 33.899         |                           |          |
| 665.0                                                                                           | 665.0                        | 683.0                        | 683.0                        | 3.1                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.5                          | 6.19                     | 33.687         |                           |          |
| 700.0                                                                                           | 700.0                        | 718.0                        | 718.0                        | 3.1                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.5                          | 6.22                     | 33.564         |                           |          |
| 760.0                                                                                           | 760.0                        | 778.0                        | 778.0                        | 3.1                     | 3.1                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.4                          | 6.26                     | 33.342         |                           |          |
| 800.0                                                                                           | 800.0                        | 818.0                        | 818.0                        | 3.2                     | 3.2                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.4                          | 6.29                     | 33.186         |                           |          |
| 855.0                                                                                           | 855.0                        | 873.0                        | 873.0                        | 3.2                     | 3.2                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.3                          | 6.33                     | 32.961         |                           |          |
| 900.0                                                                                           | 900.0                        | 918.0                        | 918.0                        | 3.2                     | 3.2                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.3                          | 6.37                     | 32.768         |                           |          |
| 950.0                                                                                           | 950.0                        | 968.0                        | 968.0                        | 3.2                     | 3.2                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.3                          | 6.41                     | 32.546         |                           |          |
| 1,000.0                                                                                         | 1,000.0                      | 1,018.0                      | 1,018.0                      | 3.2                     | 3.3                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.2                          | 6.46                     | 32.316         |                           |          |
| 1,045.0                                                                                         | 1,045.0                      | 1,063.0                      | 1,063.0                      | 3.3                     | 3.3                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.2                          | 6.50                     | 32.103         |                           |          |
| 1,100.0                                                                                         | 1,100.0                      | 1,118.0                      | 1,118.0                      | 3.3                     | 3.3                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.1                          | 6.55                     | 31.835         |                           |          |
| 1,140.0                                                                                         | 1,140.0                      | 1,158.0                      | 1,158.0                      | 3.3                     | 3.3                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.1                          | 6.60                     | 31.635         |                           |          |
| 1,200.0                                                                                         | 1,200.0                      | 1,218.0                      | 1,218.0                      | 3.4                     | 3.4                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.0                          | 6.66                     | 31.329         |                           |          |
| 1,235.0                                                                                         | 1,235.0                      | 1,253.0                      | 1,253.0                      | 3.4                     | 3.4                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 202.0                          | 6.70                     | 31.147         |                           |          |
| 1,300.0                                                                                         | 1,300.0                      | 1,318.0                      | 1,318.0                      | 3.4                     | 3.4                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.9                          | 6.77                     | 30.804         |                           |          |
| 1,330.0                                                                                         | 1,330.0                      | 1,348.0                      | 1,348.0                      | 3.4                     | 3.4                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.9                          | 6.81                     | 30.643         |                           |          |
| 1,400.0                                                                                         | 1,400.0                      | 1,418.0                      | 1,418.0                      | 3.5                     | 3.5                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.8                          | 6.90                     | 30.263         |                           |          |
| 1,425.0                                                                                         | 1,425.0                      | 1,443.0                      | 1,443.0                      | 3.5                     | 3.5                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.7                          | 6.93                     | 30.126         |                           |          |
| 1,500.0                                                                                         | 1,500.0                      | 1,518.0                      | 1,518.0                      | 3.5                     | 3.6                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.6                          | 7.02                     | 29.711         |                           |          |
| 1,520.0                                                                                         | 1,520.0                      | 1,538.0                      | 1,538.0                      | 3.6                     | 3.6                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.6                          | 7.05                     | 29.600         |                           |          |
| 1,600.0                                                                                         | 1,600.0                      | 1,618.0                      | 1,618.0                      | 3.6                     | 3.6                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.5                          | 7.16                     | 29.153         |                           |          |
| 1,615.0                                                                                         | 1,615.0                      | 1,633.0                      | 1,633.0                      | 3.6                     | 3.6                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.5                          | 7.18                     | 29.068         |                           |          |
| 1,700.0                                                                                         | 1,700.0                      | 1,718.0                      | 1,718.0                      | 3.7                     | 3.7                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.4                          | 7.30                     | 28.590         |                           |          |
| 1,710.0                                                                                         | 1,710.0                      | 1,728.0                      | 1,728.0                      | 3.7                     | 3.7                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.4                          | 7.31                     | 28.533         |                           |          |
| 1,800.0                                                                                         | 1,800.0                      | 1,818.0                      | 1,818.0                      | 3.8                     | 3.8                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.2                          | 7.45                     | 28.026         |                           |          |
| 1,805.0                                                                                         | 1,805.0                      | 1,823.0                      | 1,823.0                      | 3.8                     | 3.8                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.2                          | 7.45                     | 27.998         |                           |          |
| 1,900.0                                                                                         | 1,900.0                      | 1,918.0                      | 1,918.0                      | 3.9                     | 3.9                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.1                          | 7.60                     | 27.464         |                           |          |
| 1,910.8                                                                                         | 1,910.8                      | 1,928.8                      | 1,928.8                      | 3.9                     | 3.9                  | -19.59                       | 196.6                                      | -70.0               | 208.7                         | 201.1                          | 7.61                     | 27.403         |                           |          |
| 1,995.0                                                                                         | 1,995.0                      | 2,012.5                      | 2,012.5                      | 3.9                     | 3.9                  | -19.60                       | 196.6                                      | -70.0               | 208.7                         | 200.9                          | 7.74                     | 26.946         |                           |          |
| 2,000.0                                                                                         | 2,000.0                      | 2,017.3                      | 2,017.3                      | 3.9                     | 3.9                  | -19.60                       | 196.6                                      | -70.0               | 208.7                         | 200.9                          | 7.75                     | 26.924         |                           |          |
| 2,090.0                                                                                         | 2,090.0                      | 2,103.7                      | 2,103.7                      | 4.1                     | 4.0                  | -11.61                       | 197.1                                      | -71.8               | 208.4                         | 200.4                          | 7.98                     | 26.123         |                           |          |
| 2,100.0                                                                                         | 2,100.0                      | 2,113.3                      | 2,113.3                      | 4.2                     | 4.0                  | -11.71                       | 197.1                                      | -72.1               | 208.3                         | 200.3                          | 8.00                     | 26.037         |                           |          |
| 2,185.0                                                                                         | 2,184.9                      | 2,194.8                      | 2,194.7                      | 4.7                     | 4.0                  | -12.94                       | 198.2                                      | -76.4               | 206.8                         | 198.3                          | 8.50                     | 24.335         |                           |          |
| 2,200.0                                                                                         | 2,199.8                      | 2,209.2                      | 2,209.0                      | 4.8                     | 4.0                  | -13.23                       | 198.5                                      | -77.4               | 206.4                         | 197.8                          | 8.58                     | 24.043         |                           |          |
| 2,280.0                                                                                         | 2,279.6                      | 2,285.5                      | 2,285.0                      | 5.3                     | 4.1                  | -15.15                       | 200.1                                      | -83.7               | 204.1                         | 195.1                          | 8.98                     | 22.715         |                           |          |
| 2,300.0                                                                                         | 2,299.5                      | 2,304.5                      | 2,304.0                      | 5.4                     | 4.1                  | -15.73                       | 200.6                                      | -85.6               | 203.4                         | 194.3                          | 9.08                     | 22.398         |                           |          |
| 2,375.0                                                                                         | 2,373.9                      | 2,375.7                      | 2,374.6                      | 5.9                     | 4.1                  | -18.27                       | 202.7                                      | -93.8               | 200.7                         | 191.3                          | 9.38                     | 21.384         |                           |          |
| 2,400.0                                                                                         | 2,398.7                      | 2,400.0                      | 2,398.7                      | 6.0                     | 4.1                  | -19.28                       | 203.5                                      | -97.0               | 199.7                         | 190.2                          | 9.48                     | 21.075         |                           |          |
| 2,470.0                                                                                         | 2,467.9                      | 2,465.1                      | 2,463.1                      | 6.4                     | 4.2                  | -22.36                       | 205.9                                      | -106.5              | 197.1                         | 187.4                          | 9.68                     | 20.369         |                           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #710H - OWB - PWP0 |                       |                                           |                       |                        |               |                       |              |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|-----------------------|------------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program:                                                                          |                       | 0-Standard Keeper 104, 8540-MWD+IFR1+FDIR |                       |                        |               |                       |              |              | Rule Assigned:         |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                                | Offset                | Semi Major Axis                           |                       | Offset Wellbore Centre |               | Distance              |              |              | Warning                |                         |                           |                   |                    |          |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft)                     | Vertical Depth (usft) | Reference (usft)       | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning            |          |
| 2,500.0                                                                                  | 2,497.5               | 2,493.2                                   | 2,490.8               | 6.6                    | 4.2           | -23.85                | 207.1        | -111.0       | 196.1                  | 186.3                   | 9.75                      | 20.118            |                    |          |
| 2,550.1                                                                                  | 2,546.7               | 2,539.9                                   | 2,536.7               | 6.7                    | 4.2           | -26.57                | 209.1        | -119.1       | 194.5                  | 184.8                   | 9.72                      | 20.012 SF         |                    |          |
| 2,565.0                                                                                  | 2,561.4               | 2,553.8                                   | 2,550.3               | 6.7                    | 4.2           | -27.42                | 209.8        | -121.7       | 194.2                  | 184.5                   | 9.70                      | 20.019            |                    |          |
| 2,600.0                                                                                  | 2,595.7               | 2,586.2                                   | 2,582.2               | 6.7                    | 4.2           | -29.46                | 211.4        | -127.9       | 193.8                  | 184.1                   | 9.64                      | 20.090            |                    |          |
| 2,606.7                                                                                  | 2,602.3               | 2,592.5                                   | 2,588.3               | 6.7                    | 4.2           | -29.87                | 211.7        | -129.1       | 193.8                  | 184.1                   | 9.63                      | 20.112 CC, ES     |                    |          |
| 2,660.0                                                                                  | 2,654.6               | 2,644.0                                   | 2,638.7               | 6.8                    | 4.3           | -33.21                | 214.3        | -139.5       | 194.2                  | 184.7                   | 9.55                      | 20.342            |                    |          |
| 2,700.0                                                                                  | 2,693.9               | 2,683.0                                   | 2,676.9               | 6.9                    | 4.3           | -35.73                | 216.3        | -147.4       | 195.0                  | 185.5                   | 9.48                      | 20.563            |                    |          |
| 2,755.0                                                                                  | 2,747.9               | 2,736.7                                   | 2,729.3               | 7.0                    | 4.3           | -39.14                | 219.1        | -158.2       | 196.8                  | 187.4                   | 9.41                      | 20.909            |                    |          |
| 2,800.0                                                                                  | 2,792.0               | 2,780.6                                   | 2,772.3               | 7.1                    | 4.4           | -41.89                | 221.3        | -167.0       | 198.7                  | 189.4                   | 9.36                      | 21.234            |                    |          |
| 2,850.0                                                                                  | 2,841.1               | 2,829.4                                   | 2,820.0               | 7.1                    | 4.4           | -44.87                | 223.8        | -176.8       | 201.5                  | 192.2                   | 9.32                      | 21.616            |                    |          |
| 2,900.0                                                                                  | 2,890.2               | 2,878.2                                   | 2,867.7               | 7.2                    | 4.4           | -47.77                | 226.3        | -186.7       | 204.8                  | 195.5                   | 9.30                      | 22.023            |                    |          |
| 2,945.0                                                                                  | 2,934.4               | 2,922.0                                   | 2,910.6               | 7.3                    | 4.5           | -50.30                | 228.6        | -195.5       | 208.2                  | 198.9                   | 9.30                      | 22.393            |                    |          |
| 3,000.0                                                                                  | 2,988.4               | 2,975.7                                   | 2,963.1               | 7.4                    | 4.5           | -53.28                | 231.3        | -206.3       | 212.9                  | 203.6                   | 9.32                      | 22.850            |                    |          |
| 3,040.0                                                                                  | 3,027.6               | 3,014.7                                   | 3,001.3               | 7.5                    | 4.5           | -55.36                | 233.3        | -214.2       | 216.7                  | 207.3                   | 9.35                      | 23.176            |                    |          |
| 3,100.0                                                                                  | 3,086.5               | 3,073.3                                   | 3,058.5               | 7.7                    | 4.6           | -58.35                | 236.4        | -226.0       | 222.9                  | 213.5                   | 9.42                      | 23.654            |                    |          |
| 3,135.0                                                                                  | 3,120.9               | 3,107.4                                   | 3,091.9               | 7.7                    | 4.6           | -60.02                | 238.1        | -232.9       | 226.8                  | 217.3                   | 9.48                      | 23.923            |                    |          |
| 3,200.0                                                                                  | 3,184.7               | 3,170.8                                   | 3,154.0               | 7.9                    | 4.7           | -62.97                | 241.4        | -245.6       | 234.6                  | 225.0                   | 9.61                      | 24.404            |                    |          |
| 3,230.0                                                                                  | 3,214.1               | 3,200.1                                   | 3,182.6               | 8.0                    | 4.7           | -64.27                | 242.9        | -251.5       | 238.3                  | 228.7                   | 9.68                      | 24.616            |                    |          |
| 3,300.0                                                                                  | 3,282.8               | 3,268.4                                   | 3,249.4               | 8.1                    | 4.7           | -67.15                | 246.4        | -265.3       | 247.6                  | 237.8                   | 9.87                      | 25.092            |                    |          |
| 3,325.0                                                                                  | 3,307.4               | 3,292.8                                   | 3,273.2               | 8.2                    | 4.8           | -68.12                | 247.6        | -270.2       | 251.1                  | 241.1                   | 9.94                      | 25.255            |                    |          |
| 3,400.0                                                                                  | 3,381.0               | 3,365.9                                   | 3,344.8               | 8.4                    | 4.8           | -70.90                | 251.4        | -284.9       | 261.9                  | 251.7                   | 10.18                     | 25.726            |                    |          |
| 3,420.0                                                                                  | 3,400.6               | 3,385.4                                   | 3,363.9               | 8.4                    | 4.8           | -71.60                | 252.4        | -288.9       | 264.9                  | 254.6                   | 10.25                     | 25.847            |                    |          |
| 3,500.0                                                                                  | 3,479.2               | 3,463.5                                   | 3,440.2               | 8.7                    | 4.9           | -74.26                | 256.4        | -304.6       | 277.2                  | 266.6                   | 10.53                     | 26.317            |                    |          |
| 3,515.0                                                                                  | 3,493.9               | 3,478.1                                   | 3,454.5               | 8.7                    | 4.9           | -74.73                | 257.1        | -307.5       | 279.5                  | 268.9                   | 10.59                     | 26.402            |                    |          |
| 3,600.0                                                                                  | 3,577.3               | 3,561.0                                   | 3,535.6               | 8.9                    | 5.0           | -77.27                | 261.4        | -324.2       | 293.3                  | 282.4                   | 10.91                     | 26.875            |                    |          |
| 3,610.0                                                                                  | 3,587.1               | 3,570.8                                   | 3,545.2               | 9.0                    | 5.0           | -77.55                | 261.9        | -326.2       | 294.9                  | 284.0                   | 10.95                     | 26.929            |                    |          |
| 3,700.0                                                                                  | 3,675.5               | 3,658.6                                   | 3,631.1               | 9.2                    | 5.1           | -79.96                | 266.4        | -343.9       | 310.1                  | 298.8                   | 11.32                     | 27.407            |                    |          |
| 3,705.0                                                                                  | 3,680.4               | 3,663.5                                   | 3,635.8               | 9.2                    | 5.1           | -80.09                | 266.7        | -344.9       | 311.0                  | 299.6                   | 11.34                     | 27.433            |                    |          |
| 3,800.0                                                                                  | 3,773.7               | 3,756.1                                   | 3,726.5               | 9.5                    | 5.2           | -82.38                | 271.4        | -363.6       | 327.6                  | 315.8                   | 11.73                     | 27.918            |                    |          |
| 3,895.0                                                                                  | 3,866.9               | 3,848.8                                   | 3,817.1               | 9.8                    | 5.3           | -84.45                | 276.2        | -382.2       | 344.6                  | 332.5                   | 12.14                     | 28.385            |                    |          |
| 3,900.0                                                                                  | 3,871.8               | 3,853.7                                   | 3,821.9               | 9.8                    | 5.3           | -84.55                | 276.4        | -383.2       | 345.5                  | 333.4                   | 12.16                     | 28.410            |                    |          |
| 3,990.0                                                                                  | 3,960.2               | 3,941.5                                   | 3,907.8               | 10.1                   | 5.4           | -86.32                | 280.9        | -400.9       | 362.1                  | 349.5                   | 12.56                     | 28.837            |                    |          |
| 4,000.0                                                                                  | 3,970.0               | 3,951.2                                   | 3,917.3               | 10.1                   | 5.4           | -86.51                | 281.4        | -402.9       | 364.0                  | 351.4                   | 12.60                     | 28.884            |                    |          |
| 4,085.0                                                                                  | 4,053.4               | 4,034.2                                   | 3,998.4               | 10.3                   | 5.5           | -88.03                | 285.7        | -419.6       | 379.9                  | 366.9                   | 12.98                     | 29.273            |                    |          |
| 4,100.0                                                                                  | 4,068.1               | 4,048.8                                   | 4,012.8               | 10.4                   | 5.5           | -88.28                | 286.4        | -422.5       | 382.8                  | 369.7                   | 13.05                     | 29.340            |                    |          |
| 4,180.0                                                                                  | 4,146.7               | 4,126.8                                   | 4,089.1               | 10.6                   | 5.6           | -89.58                | 290.4        | -438.2       | 398.0                  | 384.6                   | 13.40                     | 29.693            |                    |          |
| 4,200.0                                                                                  | 4,166.3               | 4,146.3                                   | 4,108.2               | 10.7                   | 5.6           | -89.89                | 291.5        | -442.2       | 401.9                  | 388.4                   | 13.49                     | 29.779            |                    |          |
| 4,275.0                                                                                  | 4,239.9               | 4,219.5                                   | 4,179.7               | 10.9                   | 5.7           | -91.00                | 295.2        | -456.9       | 416.4                  | 402.6                   | 13.83                     | 30.097            |                    |          |
| 4,300.0                                                                                  | 4,264.5               | 4,243.9                                   | 4,203.6               | 11.0                   | 5.7           | -91.35                | 296.5        | -461.8       | 421.3                  | 407.3                   | 13.95                     | 30.201            |                    |          |
| 4,370.0                                                                                  | 4,333.2               | 4,312.2                                   | 4,270.4               | 11.2                   | 5.8           | -92.30                | 300.0        | -475.6       | 435.0                  | 420.7                   | 14.27                     | 30.486            |                    |          |
| 4,400.0                                                                                  | 4,362.6               | 4,341.5                                   | 4,299.0               | 11.3                   | 5.8           | -92.68                | 301.5        | -481.5       | 440.9                  | 426.5                   | 14.41                     | 30.605            |                    |          |
| 4,465.0                                                                                  | 4,426.4               | 4,404.9                                   | 4,361.0               | 11.5                   | 5.9           | -93.49                | 304.7        | -494.3       | 453.8                  | 439.1                   | 14.71                     | 30.859            |                    |          |
| 4,500.0                                                                                  | 4,460.8               | 4,439.0                                   | 4,394.4               | 11.6                   | 5.9           | -93.90                | 306.5        | -501.1       | 460.7                  | 445.9                   | 14.87                     | 30.992            |                    |          |
| 4,560.0                                                                                  | 4,519.7               | 4,497.5                                   | 4,451.7               | 11.8                   | 6.0           | -94.59                | 309.5        | -512.9       | 472.8                  | 457.6                   | 15.14                     | 31.216            |                    |          |
| 4,600.0                                                                                  | 4,559.0               | 4,536.6                                   | 4,489.9               | 12.0                   | 6.0           | -95.02                | 311.5        | -520.8       | 480.8                  | 465.5                   | 15.33                     | 31.361            |                    |          |
| 4,655.0                                                                                  | 4,612.9               | 4,590.2                                   | 4,542.3               | 12.1                   | 6.1           | -95.60                | 314.2        | -531.6       | 491.9                  | 476.3                   | 15.59                     | 31.557            |                    |          |
| 4,700.0                                                                                  | 4,657.1               | 4,634.1                                   | 4,585.3               | 12.3                   | 6.2           | -96.05                | 316.5        | -540.4       | 501.0                  | 485.2                   | 15.80                     | 31.713            |                    |          |
| 4,750.0                                                                                  | 4,706.2               | 4,682.9                                   | 4,633.0               | 12.5                   | 6.2           | -96.54                | 319.0        | -550.3       | 511.1                  | 495.1                   | 16.03                     | 31.883            |                    |          |
| 4,800.0                                                                                  | 4,755.3               | 4,731.7                                   | 4,680.7               | 12.6                   | 6.3           | -97.01                | 321.5        | -560.1       | 521.3                  | 505.1                   | 16.27                     | 32.048            |                    |          |
| 4,845.0                                                                                  | 4,799.4               | 4,775.6                                   | 4,723.6               | 12.8                   | 6.3           | -97.41                | 323.8        | -568.9       | 530.5                  | 514.0                   | 16.48                     | 32.194            |                    |          |
| 4,900.0                                                                                  | 4,853.4               | 4,829.2                                   | 4,776.1               | 13.0                   | 6.4           | -97.89                | 326.5        | -579.8       | 541.8                  | 525.1                   | 16.74                     | 32.367            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #710H - OWB - PWP0 |                       |                       |                       |                  |               |                        |              |              |                        |                          |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|--------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 8540-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                        |              |              |                        |                          |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                                |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Rule Assigned:         |                          |                           |                   | Warning                     |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Distance Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                             |  |
| 4,940.0                                                                                  | 4,892.7               | 4,868.2               | 4,814.3               | 13.1             | 6.4           | -98.22                 | 328.5        | -587.6       | 550.0                  | 533.1                    | 16.93                     | 32.490            |                             |  |
| 5,000.0                                                                                  | 4,951.6               | 4,926.8               | 4,871.5               | 13.3             | 6.5           | -98.70                 | 331.5        | -599.4       | 562.4                  | 545.2                    | 17.21                     | 32.670            |                             |  |
| 5,035.0                                                                                  | 4,986.0               | 4,960.9               | 4,904.9               | 13.4             | 6.6           | -98.97                 | 333.3        | -606.3       | 569.6                  | 552.2                    | 17.38                     | 32.773            |                             |  |
| 5,100.0                                                                                  | 5,049.8               | 5,024.3               | 4,967.0               | 13.6             | 6.6           | -99.46                 | 336.5        | -619.1       | 583.1                  | 565.4                    | 17.69                     | 32.958            |                             |  |
| 5,130.0                                                                                  | 5,079.2               | 5,053.6               | 4,995.6               | 13.7             | 6.7           | -99.68                 | 338.0        | -625.0       | 589.3                  | 571.5                    | 17.84                     | 33.041            |                             |  |
| 5,200.0                                                                                  | 5,147.9               | 5,121.9               | 5,062.4               | 14.0             | 6.8           | -100.17                | 341.5        | -638.7       | 603.9                  | 585.7                    | 18.17                     | 33.231            |                             |  |
| 5,225.0                                                                                  | 5,172.5               | 5,146.3               | 5,086.2               | 14.1             | 6.8           | -100.34                | 342.8        | -643.6       | 609.1                  | 590.8                    | 18.29                     | 33.297            |                             |  |
| 5,300.0                                                                                  | 5,246.1               | 5,219.4               | 5,157.8               | 14.3             | 6.9           | -100.83                | 346.5        | -658.4       | 624.7                  | 606.1                    | 18.65                     | 33.490            |                             |  |
| 5,320.0                                                                                  | 5,265.7               | 5,238.9               | 5,176.9               | 14.4             | 6.9           | -100.95                | 347.6        | -662.3       | 628.9                  | 610.1                    | 18.75                     | 33.540            |                             |  |
| 5,400.0                                                                                  | 5,344.2               | 5,317.0               | 5,253.2               | 14.7             | 7.0           | -101.44                | 351.6        | -678.0       | 645.7                  | 626.5                    | 19.14                     | 33.735            |                             |  |
| 5,415.0                                                                                  | 5,359.0               | 5,331.6               | 5,267.5               | 14.7             | 7.0           | -101.53                | 352.3        | -681.0       | 648.8                  | 629.6                    | 19.21                     | 33.770            |                             |  |
| 5,500.0                                                                                  | 5,442.4               | 5,414.5               | 5,348.7               | 15.0             | 7.2           | -102.02                | 356.6        | -697.7       | 666.7                  | 647.0                    | 19.63                     | 33.967            |                             |  |
| 5,510.0                                                                                  | 5,452.2               | 5,424.3               | 5,358.2               | 15.0             | 7.2           | -102.08                | 357.1        | -699.6       | 668.8                  | 649.1                    | 19.68                     | 33.990            |                             |  |
| 5,600.0                                                                                  | 5,540.6               | 5,512.1               | 5,444.1               | 15.4             | 7.3           | -102.57                | 361.6        | -717.3       | 687.7                  | 667.6                    | 20.12                     | 34.187            |                             |  |
| 5,605.0                                                                                  | 5,545.5               | 5,517.0               | 5,448.9               | 15.4             | 7.3           | -102.59                | 361.8        | -718.3       | 688.8                  | 668.6                    | 20.14                     | 34.198            |                             |  |
| 5,700.0                                                                                  | 5,638.7               | 5,609.6               | 5,539.5               | 15.7             | 7.4           | -103.08                | 366.6        | -737.0       | 708.8                  | 688.2                    | 20.61                     | 34.395            |                             |  |
| 5,795.0                                                                                  | 5,732.0               | 5,702.3               | 5,630.2               | 16.0             | 7.6           | -103.54                | 371.3        | -755.7       | 729.0                  | 707.9                    | 21.08                     | 34.582            |                             |  |
| 5,800.0                                                                                  | 5,736.9               | 5,707.2               | 5,634.9               | 16.1             | 7.6           | -103.56                | 371.6        | -756.6       | 730.0                  | 708.9                    | 21.10                     | 34.592            |                             |  |
| 5,889.3                                                                                  | 5,824.6               | 5,794.3               | 5,720.2               | 16.4             | 7.7           | -103.97                | 376.1        | -774.2       | 749.0                  | 727.4                    | 21.54                     | 34.763            |                             |  |
| 5,890.0                                                                                  | 5,825.2               | 5,795.0               | 5,720.8               | 16.4             | 7.7           | -103.97                | 376.1        | -774.3       | 749.1                  | 727.6                    | 21.55                     | 34.765            |                             |  |
| 5,900.0                                                                                  | 5,835.1               | 5,804.8               | 5,730.3               | 16.4             | 7.7           | -104.03                | 376.6        | -776.3       | 751.2                  | 729.6                    | 21.60                     | 34.786            |                             |  |
| 5,985.0                                                                                  | 5,918.6               | 5,887.8               | 5,811.5               | 16.7             | 7.8           | -104.52                | 380.9        | -793.0       | 769.1                  | 747.1                    | 22.01                     | 34.947            |                             |  |
| 6,000.0                                                                                  | 5,933.4               | 5,902.4               | 5,825.9               | 16.7             | 7.9           | -104.60                | 381.6        | -796.0       | 772.2                  | 750.2                    | 22.08                     | 34.974            |                             |  |
| 6,080.0                                                                                  | 6,012.3               | 5,980.7               | 5,902.4               | 17.0             | 8.0           | -104.94                | 385.6        | -811.7       | 788.7                  | 766.3                    | 22.47                     | 35.096            |                             |  |
| 6,100.0                                                                                  | 6,032.1               | 6,000.2               | 5,921.5               | 17.1             | 8.0           | -105.01                | 386.6        | -815.7       | 792.8                  | 770.3                    | 22.57                     | 35.125            |                             |  |
| 6,175.0                                                                                  | 6,106.2               | 6,073.7               | 5,993.4               | 17.3             | 8.1           | -105.23                | 390.4        | -830.5       | 808.0                  | 785.0                    | 22.94                     | 35.226            |                             |  |
| 6,200.0                                                                                  | 6,131.0               | 6,098.2               | 6,017.4               | 17.4             | 8.2           | -105.28                | 391.7        | -835.4       | 813.0                  | 789.9                    | 23.06                     | 35.257            |                             |  |
| 6,270.0                                                                                  | 6,200.4               | 6,166.8               | 6,084.5               | 17.7             | 8.3           | -105.40                | 395.2        | -849.2       | 826.8                  | 803.4                    | 23.40                     | 35.339            |                             |  |
| 6,300.0                                                                                  | 6,230.2               | 6,196.2               | 6,113.2               | 17.8             | 8.3           | -105.43                | 396.7        | -855.2       | 832.7                  | 809.1                    | 23.54                     | 35.371            |                             |  |
| 6,365.0                                                                                  | 6,294.7               | 6,260.0               | 6,175.6               | 18.0             | 8.4           | -105.47                | 400.0        | -868.0       | 845.3                  | 821.4                    | 23.85                     | 35.436            |                             |  |
| 6,400.0                                                                                  | 6,329.5               | 6,294.3               | 6,209.2               | 18.1             | 8.5           | -105.47                | 401.7        | -874.9       | 851.9                  | 827.9                    | 24.02                     | 35.469            |                             |  |
| 6,460.0                                                                                  | 6,389.3               | 6,353.2               | 6,266.8               | 18.3             | 8.6           | -105.43                | 404.8        | -886.8       | 863.3                  | 839.0                    | 24.30                     | 35.520            |                             |  |
| 6,500.0                                                                                  | 6,429.1               | 6,392.4               | 6,305.2               | 18.5             | 8.6           | -105.39                | 406.8        | -894.7       | 870.7                  | 846.3                    | 24.49                     | 35.551            |                             |  |
| 6,555.0                                                                                  | 6,483.9               | 6,446.4               | 6,358.0               | 18.6             | 8.7           | -105.30                | 409.6        | -905.6       | 880.9                  | 856.2                    | 24.75                     | 35.591            |                             |  |
| 6,600.0                                                                                  | 6,528.8               | 6,490.6               | 6,401.2               | 18.8             | 8.8           | -105.21                | 411.8        | -914.5       | 889.1                  | 864.2                    | 24.96                     | 35.621            |                             |  |
| 6,650.0                                                                                  | 6,578.7               | 6,539.7               | 6,449.2               | 19.0             | 8.9           | -105.08                | 414.3        | -924.4       | 898.2                  | 873.0                    | 25.19                     | 35.651            |                             |  |
| 6,700.0                                                                                  | 6,628.6               | 6,588.7               | 6,497.2               | 19.1             | 9.0           | -104.93                | 416.9        | -934.2       | 907.1                  | 881.7                    | 25.42                     | 35.679            |                             |  |
| 6,745.0                                                                                  | 6,673.6               | 6,632.8               | 6,540.3               | 19.3             | 9.0           | -104.77                | 419.1        | -943.1       | 915.1                  | 889.4                    | 25.63                     | 35.702            |                             |  |
| 6,800.0                                                                                  | 6,728.5               | 6,686.8               | 6,593.1               | 19.5             | 9.1           | -104.56                | 421.9        | -954.0       | 924.7                  | 898.8                    | 25.88                     | 35.727            |                             |  |
| 6,840.0                                                                                  | 6,768.5               | 6,726.0               | 6,631.4               | 19.6             | 9.2           | -104.38                | 423.9        | -961.9       | 931.6                  | 905.6                    | 26.06                     | 35.744            |                             |  |
| 6,900.0                                                                                  | 6,828.5               | 6,784.8               | 6,688.9               | 19.8             | 9.3           | -104.10                | 426.9        | -973.7       | 942.0                  | 915.6                    | 26.34                     | 35.768            |                             |  |
| 6,935.0                                                                                  | 6,863.5               | 6,819.0               | 6,722.4               | 19.9             | 9.4           | -103.92                | 428.7        | -980.6       | 947.9                  | 921.4                    | 26.49                     | 35.782            |                             |  |
| 6,989.5                                                                                  | 6,918.0               | 6,872.3               | 6,774.6               | 20.1             | 9.5           | -112.11                | 431.4        | -991.4       | 957.2                  | 930.4                    | 26.73                     | 35.802            |                             |  |
| 7,000.0                                                                                  | 6,928.5               | 6,882.6               | 6,784.7               | 20.1             | 9.5           | -112.03                | 431.9        | -993.5       | 958.9                  | 932.1                    | 26.78                     | 35.807            |                             |  |
| 7,030.0                                                                                  | 6,958.5               | 6,912.0               | 6,813.4               | 20.2             | 9.5           | -111.81                | 433.5        | -999.4       | 964.0                  | 937.1                    | 26.91                     | 35.821            |                             |  |
| 7,100.0                                                                                  | 7,028.5               | 6,980.4               | 6,880.3               | 20.4             | 9.7           | -111.31                | 437.0        | -1,013.2     | 975.9                  | 948.7                    | 27.22                     | 35.852            |                             |  |
| 7,125.0                                                                                  | 7,053.5               | 7,004.9               | 6,904.3               | 20.5             | 9.7           | -111.14                | 438.2        | -1,018.1     | 980.1                  | 952.8                    | 27.33                     | 35.860            |                             |  |
| 7,200.0                                                                                  | 7,128.5               | 7,078.2               | 6,976.0               | 20.7             | 9.8           | -110.62                | 442.0        | -1,032.9     | 993.0                  | 965.3                    | 27.67                     | 35.885            |                             |  |
| 7,220.0                                                                                  | 7,148.5               | 7,097.8               | 6,995.1               | 20.8             | 9.9           | -110.48                | 443.0        | -1,036.8     | 996.4                  | 968.7                    | 27.76                     | 35.891            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #804H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-Standard Keeper 104, 9478-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Rule Assigned:</b>        |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
|                                                                                                 |                              |                              |                              |                         |                      |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 0.0                                                                                             | 0.0                          | 0.0                          | 0.0                          | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         |                                |                                  |                           |                |
| 95.0                                                                                            | 95.0                         | 95.0                         | 95.0                         | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.00                             | 56.117                    |                |
| 100.0                                                                                           | 100.0                        | 100.0                        | 100.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.00                             | 56.116                    |                |
| 190.0                                                                                           | 190.0                        | 190.0                        | 190.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.01                             | 56.039                    |                |
| 200.0                                                                                           | 200.0                        | 200.0                        | 200.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.01                             | 56.025                    |                |
| 285.0                                                                                           | 285.0                        | 285.0                        | 285.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.03                             | 55.863                    |                |
| 300.0                                                                                           | 300.0                        | 300.0                        | 300.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.03                             | 55.826                    |                |
| 380.0                                                                                           | 380.0                        | 380.0                        | 380.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.06                             | 55.593                    |                |
| 400.0                                                                                           | 400.0                        | 400.0                        | 400.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.7                          | 6.06                             | 55.525                    |                |
| 475.0                                                                                           | 475.0                        | 475.0                        | 475.0                        | 3.0                     | 3.0                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.6                          | 6.10                             | 55.234                    |                |
| 500.0                                                                                           | 500.0                        | 500.0                        | 500.0                        | 3.1                     | 3.1                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.6                          | 6.11                             | 55.125                    |                |
| 570.0                                                                                           | 570.0                        | 570.0                        | 570.0                        | 3.1                     | 3.1                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.6                          | 6.15                             | 54.791                    |                |
| 600.0                                                                                           | 600.0                        | 600.0                        | 600.0                        | 3.1                     | 3.1                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.6                          | 6.16                             | 54.634                    |                |
| 665.0                                                                                           | 665.0                        | 665.0                        | 665.0                        | 3.1                     | 3.1                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.5                          | 6.20                             | 54.269                    |                |
| 700.0                                                                                           | 700.0                        | 700.0                        | 700.0                        | 3.1                     | 3.1                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.5                          | 6.23                             | 54.059                    |                |
| 760.0                                                                                           | 760.0                        | 760.0                        | 760.0                        | 3.1                     | 3.1                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.5                          | 6.27                             | 53.677                    |                |
| 800.0                                                                                           | 800.0                        | 800.0                        | 800.0                        | 3.2                     | 3.2                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.4                          | 6.31                             | 53.408                    |                |
| 855.0                                                                                           | 855.0                        | 855.0                        | 855.0                        | 3.2                     | 3.2                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.4                          | 6.35                             | 53.020                    |                |
| 900.0                                                                                           | 900.0                        | 900.0                        | 900.0                        | 3.2                     | 3.2                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.3                          | 6.39                             | 52.690                    |                |
| 950.0                                                                                           | 950.0                        | 950.0                        | 950.0                        | 3.2                     | 3.2                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.3                          | 6.44                             | 52.308                    |                |
| 1,000.0                                                                                         | 1,000.0                      | 1,000.0                      | 1,000.0                      | 3.2                     | 3.2                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.3                          | 6.49                             | 51.914                    |                |
| 1,045.0                                                                                         | 1,045.0                      | 1,045.0                      | 1,045.0                      | 3.3                     | 3.3                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.2                          | 6.53                             | 51.548                    |                |
| 1,100.0                                                                                         | 1,100.0                      | 1,100.0                      | 1,100.0                      | 3.3                     | 3.3                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.1                          | 6.59                             | 51.089                    |                |
| 1,140.0                                                                                         | 1,140.0                      | 1,140.0                      | 1,140.0                      | 3.3                     | 3.3                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.1                          | 6.64                             | 50.748                    |                |
| 1,200.0                                                                                         | 1,200.0                      | 1,200.0                      | 1,200.0                      | 3.4                     | 3.4                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.0                          | 6.70                             | 50.225                    |                |
| 1,235.0                                                                                         | 1,235.0                      | 1,235.0                      | 1,235.0                      | 3.4                     | 3.4                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 330.0                          | 6.75                             | 49.915                    |                |
| 1,300.0                                                                                         | 1,300.0                      | 1,300.0                      | 1,300.0                      | 3.4                     | 3.4                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.9                          | 6.83                             | 49.330                    |                |
| 1,330.0                                                                                         | 1,330.0                      | 1,330.0                      | 1,330.0                      | 3.4                     | 3.4                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.9                          | 6.86                             | 49.056                    |                |
| 1,400.0                                                                                         | 1,400.0                      | 1,400.0                      | 1,400.0                      | 3.5                     | 3.5                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.8                          | 6.96                             | 48.411                    |                |
| 1,425.0                                                                                         | 1,425.0                      | 1,425.0                      | 1,425.0                      | 3.5                     | 3.5                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.7                          | 6.99                             | 48.178                    |                |
| 1,500.0                                                                                         | 1,500.0                      | 1,500.0                      | 1,500.0                      | 3.5                     | 3.5                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.6                          | 7.09                             | 47.476                    |                |
| 1,520.0                                                                                         | 1,520.0                      | 1,520.0                      | 1,520.0                      | 3.6                     | 3.6                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.6                          | 7.12                             | 47.287                    |                |
| 1,600.0                                                                                         | 1,600.0                      | 1,600.0                      | 1,600.0                      | 3.6                     | 3.6                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.5                          | 7.24                             | 46.531                    |                |
| 1,615.0                                                                                         | 1,615.0                      | 1,615.0                      | 1,615.0                      | 3.6                     | 3.6                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.5                          | 7.26                             | 46.389                    |                |
| 1,700.0                                                                                         | 1,700.0                      | 1,700.0                      | 1,700.0                      | 3.7                     | 3.7                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.4                          | 7.39                             | 45.582                    |                |
| 1,710.0                                                                                         | 1,710.0                      | 1,710.0                      | 1,710.0                      | 3.7                     | 3.7                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.3                          | 7.40                             | 45.487                    |                |
| 1,800.0                                                                                         | 1,800.0                      | 1,800.0                      | 1,800.0                      | 3.8                     | 3.8                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.2                          | 7.54                             | 44.635                    |                |
| 1,805.0                                                                                         | 1,805.0                      | 1,805.0                      | 1,805.0                      | 3.8                     | 3.8                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.2                          | 7.55                             | 44.588                    |                |
| 1,900.0                                                                                         | 1,900.0                      | 1,900.0                      | 1,900.0                      | 3.9                     | 3.9                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 329.0                          | 7.71                             | 43.693                    |                |
| 1,995.0                                                                                         | 1,995.0                      | 1,995.0                      | 1,995.0                      | 3.9                     | 3.9                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 328.9                          | 7.87                             | 42.806                    |                |
| 2,000.0                                                                                         | 2,000.0                      | 2,000.0                      | 2,000.0                      | 3.9                     | 3.9                  | -1.69                        | 336.6                         | -10.0               | 336.7                         | 328.9                          | 7.88                             | 42.760                    |                |
| 2,090.0                                                                                         | 2,090.0                      | 2,090.0                      | 2,090.0                      | 4.1                     | 4.0                  | 6.82                         | 336.6                         | -10.0               | 335.3                         | 327.2                          | 8.15                             | 41.133                    |                |
| 2,100.0                                                                                         | 2,100.0                      | 2,100.0                      | 2,100.0                      | 4.2                     | 4.0                  | 6.83                         | 336.6                         | -10.0               | 335.0                         | 326.8                          | 8.18                             | 40.934                    |                |
| 2,185.0                                                                                         | 2,184.9                      | 2,184.9                      | 2,184.9                      | 4.7                     | 4.1                  | 6.92                         | 336.6                         | -10.0               | 330.8                         | 322.0                          | 8.82                             | 37.512                    |                |
| 2,200.0                                                                                         | 2,199.8                      | 2,199.8                      | 2,199.8                      | 4.8                     | 4.1                  | 6.95                         | 336.6                         | -10.0               | 329.8                         | 320.9                          | 8.94                             | 36.905                    |                |
| 2,280.0                                                                                         | 2,279.6                      | 2,279.6                      | 2,279.6                      | 5.3                     | 4.2                  | 7.11                         | 336.6                         | -10.0               | 323.2                         | 313.7                          | 9.49                             | 34.047                    |                |
| 2,300.0                                                                                         | 2,299.5                      | 2,299.5                      | 2,299.5                      | 5.4                     | 4.2                  | 7.16                         | 336.6                         | -10.0               | 321.2                         | 311.5                          | 9.63                             | 33.335                    |                |
| 2,375.0                                                                                         | 2,373.9                      | 2,373.9                      | 2,373.9                      | 5.9                     | 4.3                  | 7.38                         | 336.6                         | -10.0               | 312.4                         | 302.3                          | 10.13                            | 30.850                    |                |
| 2,400.0                                                                                         | 2,398.7                      | 2,398.7                      | 2,398.7                      | 6.0                     | 4.3                  | 7.47                         | 336.6                         | -10.0               | 309.1                         | 298.8                          | 10.29                            | 30.024                    |                |
| 2,470.0                                                                                         | 2,467.9                      | 2,467.9                      | 2,467.9                      | 6.4                     | 4.4                  | 7.76                         | 336.6                         | -10.0               | 298.6                         | 287.8                          | 10.73                            | 27.814                    |                |
| 2,500.0                                                                                         | 2,497.5                      | 2,497.5                      | 2,497.5                      | 6.6                     | 4.4                  | 7.91                         | 336.6                         | -10.0               | 293.6                         | 282.6                          | 10.93                            | 26.869                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          |                           |          |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #804H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 9478-MWD+IFR1+FDIR                                |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation Factor</b>       |                                  | <b>Warning</b>           |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                           |          |
| 2,550.1                                                                                         | 2,546.7                      | 2,544.7                      | 2,544.7                      | 6.7                     | 4.4                  | 8.24                         | 336.7                                      | -9.6                      | 284.7                         | 273.6                          | 11.08                            | 25.697                   |                           |          |
| 2,565.0                                                                                         | 2,561.4                      | 2,558.8                      | 2,558.8                      | 6.7                     | 4.4                  | 8.37                         | 336.9                                      | -9.4                      | 282.0                         | 270.9                          | 11.11                            | 25.381                   |                           |          |
| 2,600.0                                                                                         | 2,595.7                      | 2,591.7                      | 2,591.7                      | 6.7                     | 4.5                  | 8.73                         | 337.3                                      | -8.6                      | 275.8                         | 264.6                          | 11.19                            | 24.657                   |                           |          |
| 2,660.0                                                                                         | 2,654.6                      | 2,648.3                      | 2,648.2                      | 6.8                     | 4.5                  | 9.55                         | 338.3                                      | -6.5                      | 265.6                         | 254.3                          | 11.31                            | 23.483                   |                           |          |
| 2,700.0                                                                                         | 2,693.9                      | 2,686.0                      | 2,685.9                      | 6.9                     | 4.5                  | 10.25                        | 339.3                                      | -4.6                      | 259.2                         | 247.8                          | 11.39                            | 22.745                   |                           |          |
| 2,755.0                                                                                         | 2,747.9                      | 2,737.8                      | 2,737.6                      | 7.0                     | 4.6                  | 11.43                        | 341.0                                      | -1.1                      | 250.8                         | 239.3                          | 11.53                            | 21.756                   |                           |          |
| 2,800.0                                                                                         | 2,792.0                      | 2,780.2                      | 2,779.8                      | 7.1                     | 4.6                  | 12.60                        | 342.8                                      | 2.3                       | 244.4                         | 232.8                          | 11.64                            | 21.003                   |                           |          |
| 2,850.0                                                                                         | 2,841.1                      | 2,827.3                      | 2,826.6                      | 7.1                     | 4.6                  | 14.11                        | 345.0                                      | 6.7                       | 237.9                         | 226.1                          | 11.77                            | 20.218                   |                           |          |
| 2,900.0                                                                                         | 2,890.2                      | 2,874.2                      | 2,873.2                      | 7.2                     | 4.6                  | 15.85                        | 347.6                                      | 11.8                      | 232.0                         | 220.1                          | 11.89                            | 19.509                   |                           |          |
| 2,945.0                                                                                         | 2,934.4                      | 2,916.4                      | 2,914.9                      | 7.3                     | 4.7                  | 17.62                        | 350.2                                      | 17.0                      | 227.3                         | 215.3                          | 12.01                            | 18.931                   |                           |          |
| 3,000.0                                                                                         | 2,988.4                      | 2,968.7                      | 2,966.6                      | 7.4                     | 4.7                  | 20.07                        | 353.8                                      | 24.1                      | 222.4                         | 210.3                          | 12.14                            | 18.319                   |                           |          |
| 3,040.0                                                                                         | 3,027.6                      | 3,007.8                      | 3,005.3                      | 7.5                     | 4.7                  | 22.00                        | 356.6                                      | 29.6                      | 219.2                         | 207.0                          | 12.24                            | 17.913                   |                           |          |
| 3,100.0                                                                                         | 3,086.5                      | 3,066.6                      | 3,063.3                      | 7.7                     | 4.8                  | 24.98                        | 360.7                                      | 37.8                      | 215.0                         | 202.6                          | 12.38                            | 17.368                   |                           |          |
| 3,135.0                                                                                         | 3,120.9                      | 3,100.8                      | 3,097.1                      | 7.7                     | 4.8                  | 26.77                        | 363.1                                      | 42.6                      | 212.8                         | 200.3                          | 12.46                            | 17.082                   |                           |          |
| 3,200.0                                                                                         | 3,184.7                      | 3,164.4                      | 3,160.0                      | 7.9                     | 4.8                  | 30.19                        | 367.6                                      | 51.5                      | 209.3                         | 196.7                          | 12.59                            | 16.622                   |                           |          |
| 3,230.0                                                                                         | 3,214.1                      | 3,193.8                      | 3,189.0                      | 8.0                     | 4.9                  | 31.80                        | 369.7                                      | 55.6                      | 208.0                         | 195.3                          | 12.65                            | 16.438                   |                           |          |
| 3,300.0                                                                                         | 3,282.8                      | 3,262.3                      | 3,256.6                      | 8.1                     | 4.9                  | 35.63                        | 374.5                                      | 65.2                      | 205.5                         | 192.7                          | 12.78                            | 16.085                   |                           |          |
| 3,325.0                                                                                         | 3,307.4                      | 3,286.8                      | 3,280.8                      | 8.2                     | 4.9                  | 37.02                        | 376.2                                      | 68.6                      | 204.9                         | 192.1                          | 12.82                            | 15.982                   |                           |          |
| 3,400.0                                                                                         | 3,381.0                      | 3,360.2                      | 3,353.3                      | 8.4                     | 5.0                  | 41.21                        | 381.4                                      | 78.8                      | 203.7                         | 190.8                          | 12.93                            | 15.753                   |                           |          |
| 3,420.0                                                                                         | 3,400.6                      | 3,379.8                      | 3,372.7                      | 8.4                     | 5.0                  | 42.34                        | 382.8                                      | 81.6                      | 203.6                         | 190.6                          | 12.96                            | 15.710                   |                           |          |
| 3,438.3                                                                                         | 3,418.6                      | 3,397.7                      | 3,390.3                      | 8.5                     | 5.0                  | 43.37                        | 384.0                                      | 84.1                      | 203.6                         | 190.6                          | 12.99                            | 15.677                   | CC, ES                    |          |
| 3,500.0                                                                                         | 3,479.2                      | 3,458.1                      | 3,450.0                      | 8.7                     | 5.1                  | 46.84                        | 388.3                                      | 92.5                      | 204.0                         | 190.9                          | 13.06                            | 15.616                   |                           |          |
| 3,515.0                                                                                         | 3,493.9                      | 3,472.8                      | 3,464.5                      | 8.7                     | 5.1                  | 47.68                        | 389.3                                      | 94.6                      | 204.2                         | 191.1                          | 13.08                            | 15.611                   | SF                        |          |
| 3,600.0                                                                                         | 3,577.3                      | 3,556.0                      | 3,546.7                      | 8.9                     | 5.2                  | 52.40                        | 395.2                                      | 106.2                     | 206.2                         | 193.1                          | 13.17                            | 15.657                   |                           |          |
| 3,610.0                                                                                         | 3,587.1                      | 3,565.8                      | 3,556.4                      | 9.0                     | 5.2                  | 52.94                        | 395.9                                      | 107.5                     | 206.6                         | 193.4                          | 13.18                            | 15.670                   |                           |          |
| 3,700.0                                                                                         | 3,675.5                      | 3,653.9                      | 3,643.4                      | 9.2                     | 5.2                  | 57.79                        | 402.1                                      | 119.8                     | 210.5                         | 197.2                          | 13.28                            | 15.853                   |                           |          |
| 3,705.0                                                                                         | 3,680.4                      | 3,658.8                      | 3,648.2                      | 9.2                     | 5.2                  | 58.05                        | 402.4                                      | 120.5                     | 210.7                         | 197.5                          | 13.28                            | 15.866                   |                           |          |
| 3,800.0                                                                                         | 3,773.7                      | 3,751.8                      | 3,740.1                      | 9.5                     | 5.3                  | 62.93                        | 409.0                                      | 133.5                     | 216.6                         | 203.2                          | 13.39                            | 16.177                   |                           |          |
| 3,895.0                                                                                         | 3,866.9                      | 3,844.8                      | 3,831.9                      | 9.8                     | 5.4                  | 67.53                        | 415.5                                      | 146.5                     | 223.9                         | 210.4                          | 13.51                            | 16.577                   |                           |          |
| 3,900.0                                                                                         | 3,871.8                      | 3,849.7                      | 3,836.8                      | 9.8                     | 5.4                  | 67.77                        | 415.9                                      | 147.2                     | 224.4                         | 210.9                          | 13.52                            | 16.600                   |                           |          |
| 3,990.0                                                                                         | 3,960.2                      | 3,937.8                      | 3,923.8                      | 10.1                    | 5.5                  | 71.83                        | 422.1                                      | 159.5                     | 232.7                         | 219.0                          | 13.65                            | 17.044                   |                           |          |
| 4,000.0                                                                                         | 3,970.0                      | 3,947.6                      | 3,933.4                      | 10.1                    | 5.5                  | 72.26                        | 422.8                                      | 160.9                     | 233.7                         | 220.0                          | 13.67                            | 17.096                   |                           |          |
| 4,085.0                                                                                         | 4,053.4                      | 4,030.8                      | 4,015.6                      | 10.3                    | 5.6                  | 75.80                        | 428.6                                      | 172.5                     | 242.7                         | 228.9                          | 13.82                            | 17.558                   |                           |          |
| 4,100.0                                                                                         | 4,068.1                      | 4,045.5                      | 4,030.1                      | 10.4                    | 5.6                  | 76.40                        | 429.7                                      | 174.5                     | 244.4                         | 230.5                          | 13.85                            | 17.642                   |                           |          |
| 4,180.0                                                                                         | 4,146.7                      | 4,123.8                      | 4,107.5                      | 10.6                    | 5.7                  | 79.45                        | 435.2                                      | 185.5                     | 253.8                         | 239.8                          | 14.02                            | 18.101                   |                           |          |
| 4,200.0                                                                                         | 4,166.3                      | 4,143.4                      | 4,126.8                      | 10.7                    | 5.7                  | 80.18                        | 436.6                                      | 188.2                     | 256.3                         | 242.2                          | 14.07                            | 18.218                   |                           |          |
| 4,275.0                                                                                         | 4,239.9                      | 4,216.8                      | 4,199.3                      | 10.9                    | 5.7                  | 82.79                        | 441.7                                      | 198.5                     | 265.8                         | 251.6                          | 14.25                            | 18.661                   |                           |          |
| 4,300.0                                                                                         | 4,264.5                      | 4,241.2                      | 4,223.5                      | 11.0                    | 5.8                  | 83.62                        | 443.5                                      | 201.9                     | 269.1                         | 254.8                          | 14.31                            | 18.809                   |                           |          |
| 4,370.0                                                                                         | 4,333.2                      | 4,309.8                      | 4,291.2                      | 11.2                    | 5.8                  | 85.84                        | 448.3                                      | 211.4                     | 278.7                         | 264.2                          | 14.50                            | 19.226                   |                           |          |
| 4,400.0                                                                                         | 4,362.6                      | 4,339.1                      | 4,320.2                      | 11.3                    | 5.9                  | 86.74                        | 450.4                                      | 215.5                     | 282.9                         | 268.4                          | 14.58                            | 19.404                   |                           |          |
| 4,465.0                                                                                         | 4,426.4                      | 4,402.8                      | 4,383.0                      | 11.5                    | 5.9                  | 88.62                        | 454.8                                      | 224.4                     | 292.3                         | 277.5                          | 14.77                            | 19.789                   |                           |          |
| 4,500.0                                                                                         | 4,460.8                      | 4,437.0                      | 4,416.9                      | 11.6                    | 6.0                  | 89.58                        | 457.3                                      | 229.2                     | 297.5                         | 282.6                          | 14.88                            | 19.995                   |                           |          |
| 4,560.0                                                                                         | 4,519.7                      | 4,495.8                      | 4,474.9                      | 11.8                    | 6.0                  | 91.15                        | 461.4                                      | 237.4                     | 306.5                         | 291.5                          | 15.07                            | 20.345                   |                           |          |
| 4,600.0                                                                                         | 4,559.0                      | 4,534.9                      | 4,513.6                      | 12.0                    | 6.1                  | 92.14                        | 464.2                                      | 242.9                     | 312.7                         | 297.5                          | 15.20                            | 20.576                   |                           |          |
| 4,655.0                                                                                         | 4,612.9                      | 4,588.8                      | 4,566.7                      | 12.1                    | 6.1                  | 93.45                        | 467.9                                      | 250.4                     | 321.3                         | 305.9                          | 15.38                            | 20.890                   |                           |          |
| 4,700.0                                                                                         | 4,657.1                      | 4,632.8                      | 4,610.2                      | 12.3                    | 6.2                  | 94.47                        | 471.1                                      | 256.6                     | 328.5                         | 312.9                          | 15.54                            | 21.143                   |                           |          |
| 4,750.0                                                                                         | 4,706.2                      | 4,681.7                      | 4,658.6                      | 12.5                    | 6.2                  | 95.56                        | 474.5                                      | 263.4                     | 336.6                         | 320.8                          | 15.71                            | 21.420                   |                           |          |
| 4,800.0                                                                                         | 4,755.3                      | 4,730.7                      | 4,706.9                      | 12.6                    | 6.3                  | 96.59                        | 478.0                                      | 270.2                     | 344.7                         | 328.9                          | 15.89                            | 21.694                   |                           |          |
| 4,845.0                                                                                         | 4,799.4                      | 4,774.7                      | 4,750.4                      | 12.8                    | 6.3                  | 97.48                        | 481.1                                      | 276.4                     | 352.2                         | 336.2                          | 16.06                            | 21.936                   |                           |          |
| 4,900.0                                                                                         | 4,853.4                      | 4,828.6                      | 4,803.6                      | 13.0                    | 6.4                  | 98.52                        | 484.8                                      | 283.9                     | 361.4                         | 345.2                          | 16.26                            | 22.226                   |                           |          |
| 4,940.0                                                                                         | 4,892.7                      | 4,867.7                      | 4,842.3                      | 13.1                    | 6.4                  | 99.24                        | 487.6                                      | 289.4                     | 368.2                         | 351.8                          | 16.41                            | 22.434                   |                           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #804H - OWB - PWP0 |                       |                                           |                       |                        |               |                       |              |                |                        |                 |                           |                   | Offset Site Error: | 0.0 usft |
|------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|-----------------------|------------------------|---------------|-----------------------|--------------|----------------|------------------------|-----------------|---------------------------|-------------------|--------------------|----------|
| Survey Program:                                                                          |                       | 0-Standard Keeper 104, 9478-MWD+IFR1+FDIR |                       |                        |               |                       |              | Rule Assigned: |                        |                 |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                                | Offset                | Semi Major Axis                           |                       | Offset Wellbore Centre |               | Distance              |              |                |                        |                 |                           | Warning           |                    |          |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft)                     | Vertical Depth (usft) | Reference (usft)       | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft)   | Between Centres (usft) | Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 5,000.0                                                                                  | 4,951.6               | 4,926.5                                   | 4,900.3               | 13.3                   | 6.5           | 100.27                | 491.7        | 297.6          | 378.5                  | 361.9           | 16.64                     | 22.740            |                    |          |
| 5,035.0                                                                                  | 4,986.0               | 4,960.7                                   | 4,934.1               | 13.4                   | 6.5           | 100.85                | 494.2        | 302.4          | 384.5                  | 367.8           | 16.78                     | 22.916            |                    |          |
| 5,100.0                                                                                  | 5,049.8               | 5,024.4                                   | 4,997.0               | 13.6                   | 6.6           | 101.88                | 498.6        | 311.3          | 395.9                  | 378.8           | 17.04                     | 23.235            |                    |          |
| 5,130.0                                                                                  | 5,079.2               | 5,053.7                                   | 5,026.0               | 13.7                   | 6.6           | 102.33                | 500.7        | 315.4          | 401.1                  | 384.0           | 17.16                     | 23.380            |                    |          |
| 5,200.0                                                                                  | 5,147.9               | 5,122.3                                   | 5,093.7               | 14.0                   | 6.7           | 103.35                | 505.5        | 324.9          | 413.5                  | 396.1           | 17.44                     | 23.711            |                    |          |
| 5,225.0                                                                                  | 5,172.5               | 5,146.7                                   | 5,117.8               | 14.1                   | 6.7           | 103.70                | 507.3        | 328.3          | 418.0                  | 400.4           | 17.54                     | 23.827            |                    |          |
| 5,300.0                                                                                  | 5,246.1               | 5,220.1                                   | 5,190.3               | 14.3                   | 6.8           | 104.70                | 512.4        | 338.6          | 431.4                  | 413.6           | 17.85                     | 24.168            |                    |          |
| 5,320.0                                                                                  | 5,265.7               | 5,239.7                                   | 5,209.7               | 14.4                   | 6.8           | 104.96                | 513.8        | 341.3          | 435.0                  | 417.1           | 17.93                     | 24.257            |                    |          |
| 5,400.0                                                                                  | 5,344.2               | 5,318.0                                   | 5,287.0               | 14.7                   | 6.9           | 105.94                | 519.3        | 352.3          | 449.5                  | 431.3           | 18.27                     | 24.606            |                    |          |
| 5,415.0                                                                                  | 5,359.0               | 5,332.7                                   | 5,301.5               | 14.7                   | 6.9           | 106.12                | 520.4        | 354.3          | 452.3                  | 434.0           | 18.33                     | 24.670            |                    |          |
| 5,500.0                                                                                  | 5,442.4               | 5,415.9                                   | 5,383.7               | 15.0                   | 7.0           | 107.09                | 526.2        | 365.9          | 467.9                  | 449.2           | 18.70                     | 25.026            |                    |          |
| 5,510.0                                                                                  | 5,452.2               | 5,425.7                                   | 5,393.4               | 15.0                   | 7.0           | 107.20                | 526.9        | 367.3          | 469.7                  | 451.0           | 18.74                     | 25.067            |                    |          |
| 5,600.0                                                                                  | 5,540.6               | 5,513.8                                   | 5,480.4               | 15.4                   | 7.1           | 108.15                | 533.1        | 379.6          | 486.3                  | 467.2           | 19.13                     | 25.428            |                    |          |
| 5,605.0                                                                                  | 5,545.5               | 5,518.7                                   | 5,485.2               | 15.4                   | 7.1           | 108.20                | 533.5        | 380.3          | 487.3                  | 468.1           | 19.15                     | 25.448            |                    |          |
| 5,700.0                                                                                  | 5,638.7               | 5,611.7                                   | 5,577.1               | 15.7                   | 7.2           | 109.14                | 540.0        | 393.3          | 505.0                  | 485.4           | 19.56                     | 25.813            |                    |          |
| 5,795.0                                                                                  | 5,732.0               | 5,704.7                                   | 5,668.9               | 16.0                   | 7.3           | 110.01                | 546.6        | 406.3          | 522.8                  | 502.8           | 19.98                     | 26.164            |                    |          |
| 5,800.0                                                                                  | 5,736.9               | 5,709.6                                   | 5,673.8               | 16.1                   | 7.3           | 110.05                | 546.9        | 407.0          | 523.7                  | 503.7           | 20.00                     | 26.182            |                    |          |
| 5,889.3                                                                                  | 5,824.6               | 5,797.0                                   | 5,760.1               | 16.4                   | 7.4           | 110.82                | 553.1        | 419.2          | 540.6                  | 520.2           | 20.40                     | 26.499            |                    |          |
| 5,890.0                                                                                  | 5,825.2               | 5,797.7                                   | 5,760.8               | 16.4                   | 7.4           | 110.82                | 553.1        | 419.3          | 540.7                  | 520.3           | 20.40                     | 26.501            |                    |          |
| 5,900.0                                                                                  | 5,835.1               | 5,807.5                                   | 5,770.5               | 16.4                   | 7.5           | 110.92                | 553.8        | 420.6          | 542.6                  | 522.2           | 20.45                     | 26.536            |                    |          |
| 5,985.0                                                                                  | 5,918.6               | 5,890.8                                   | 5,852.7               | 16.7                   | 7.6           | 111.68                | 559.7        | 432.3          | 558.5                  | 537.6           | 20.83                     | 26.813            |                    |          |
| 6,000.0                                                                                  | 5,933.4               | 5,905.5                                   | 5,867.3               | 16.7                   | 7.6           | 111.79                | 560.7        | 434.3          | 561.2                  | 540.3           | 20.89                     | 26.859            |                    |          |
| 6,080.0                                                                                  | 6,012.3               | 5,984.1                                   | 5,944.9               | 17.0                   | 7.7           | 112.33                | 566.3        | 445.3          | 575.7                  | 554.4           | 21.26                     | 27.082            |                    |          |
| 6,100.0                                                                                  | 6,032.1               | 6,003.8                                   | 5,964.3               | 17.1                   | 7.7           | 112.45                | 567.7        | 448.0          | 579.2                  | 557.9           | 21.35                     | 27.133            |                    |          |
| 6,175.0                                                                                  | 6,106.2               | 6,077.6                                   | 6,037.2               | 17.3                   | 7.8           | 112.81                | 572.9        | 458.3          | 592.4                  | 570.7           | 21.69                     | 27.309            |                    |          |
| 6,200.0                                                                                  | 6,131.0               | 6,102.2                                   | 6,061.5               | 17.4                   | 7.8           | 112.91                | 574.6        | 461.8          | 596.6                  | 574.8           | 21.80                     | 27.363            |                    |          |
| 6,270.0                                                                                  | 6,200.4               | 6,171.2                                   | 6,129.7               | 17.7                   | 7.9           | 113.13                | 579.5        | 471.4          | 608.4                  | 586.3           | 22.13                     | 27.499            |                    |          |
| 6,300.0                                                                                  | 6,230.2               | 6,200.8                                   | 6,158.9               | 17.8                   | 7.9           | 113.20                | 581.5        | 475.6          | 613.4                  | 591.1           | 22.26                     | 27.551            |                    |          |
| 6,365.0                                                                                  | 6,294.7               | 6,264.9                                   | 6,222.3               | 18.0                   | 8.0           | 113.30                | 586.1        | 484.5          | 623.9                  | 601.3           | 22.56                     | 27.653            |                    |          |
| 6,400.0                                                                                  | 6,329.5               | 6,299.5                                   | 6,256.4               | 18.1                   | 8.0           | 113.33                | 588.5        | 489.3          | 629.4                  | 606.7           | 22.72                     | 27.700            |                    |          |
| 6,460.0                                                                                  | 6,389.3               | 6,358.7                                   | 6,314.9               | 18.3                   | 8.1           | 113.33                | 592.7        | 497.6          | 638.8                  | 615.8           | 23.00                     | 27.772            |                    |          |
| 6,500.0                                                                                  | 6,429.1               | 6,398.3                                   | 6,354.0               | 18.5                   | 8.2           | 113.31                | 595.5        | 503.1          | 644.8                  | 621.6           | 23.18                     | 27.813            |                    |          |
| 6,555.0                                                                                  | 6,483.9               | 6,452.6                                   | 6,407.7               | 18.6                   | 8.2           | 113.23                | 599.3        | 510.7          | 653.0                  | 629.6           | 23.44                     | 27.860            |                    |          |
| 6,600.0                                                                                  | 6,528.8               | 6,497.1                                   | 6,451.6               | 18.8                   | 8.3           | 113.14                | 602.4        | 516.9          | 659.5                  | 635.9           | 23.65                     | 27.891            |                    |          |
| 6,650.0                                                                                  | 6,578.7               | 6,548.0                                   | 6,501.9               | 19.0                   | 8.3           | 113.01                | 606.0        | 524.0          | 666.6                  | 642.7           | 23.88                     | 27.910            |                    |          |
| 6,700.0                                                                                  | 6,628.6               | 6,602.3                                   | 6,555.5               | 19.1                   | 8.4           | 112.85                | 609.6        | 531.2          | 673.3                  | 649.2           | 24.14                     | 27.896            |                    |          |
| 6,745.0                                                                                  | 6,673.6               | 6,651.3                                   | 6,604.0               | 19.3                   | 8.5           | 112.69                | 612.7        | 537.4          | 678.9                  | 654.5           | 24.36                     | 27.868            |                    |          |
| 6,800.0                                                                                  | 6,728.5               | 6,711.2                                   | 6,663.5               | 19.5                   | 8.5           | 112.49                | 616.2        | 544.4          | 685.1                  | 660.5           | 24.63                     | 27.812            |                    |          |
| 6,840.0                                                                                  | 6,768.5               | 6,754.9                                   | 6,706.9               | 19.6                   | 8.6           | 112.34                | 618.6        | 549.1          | 689.2                  | 664.4           | 24.83                     | 27.758            |                    |          |
| 6,900.0                                                                                  | 6,828.5               | 6,820.6                                   | 6,772.2               | 19.8                   | 8.7           | 112.10                | 622.0        | 555.7          | 694.8                  | 669.7           | 25.13                     | 27.654            |                    |          |
| 6,935.0                                                                                  | 6,863.5               | 6,859.0                                   | 6,810.3               | 19.9                   | 8.7           | 111.95                | 623.7        | 559.2          | 697.7                  | 672.4           | 25.30                     | 27.583            |                    |          |
| 6,989.5                                                                                  | 6,918.0               | 6,918.9                                   | 6,869.9               | 20.1                   | 8.8           | 103.23                | 626.3        | 564.2          | 701.8                  | 676.2           | 25.56                     | 27.454            |                    |          |
| 7,000.0                                                                                  | 6,928.5               | 6,930.4                                   | 6,881.4               | 20.1                   | 8.8           | 103.18                | 626.7        | 565.2          | 702.5                  | 676.9           | 25.61                     | 27.428            |                    |          |
| 7,030.0                                                                                  | 6,958.5               | 6,963.4                                   | 6,914.3               | 20.2                   | 8.8           | 103.03                | 628.0        | 567.6          | 704.4                  | 678.7           | 25.76                     | 27.349            |                    |          |
| 7,100.0                                                                                  | 7,028.5               | 7,040.6                                   | 6,991.2               | 20.4                   | 8.9           | 102.73                | 630.6        | 572.8          | 708.5                  | 682.4           | 26.09                     | 27.152            |                    |          |
| 7,125.0                                                                                  | 7,053.5               | 7,068.2                                   | 7,018.8               | 20.5                   | 9.0           | 102.64                | 631.4        | 574.4          | 709.7                  | 683.5           | 26.21                     | 27.076            |                    |          |
| 7,200.0                                                                                  | 7,128.5               | 7,151.0                                   | 7,101.5               | 20.7                   | 9.0           | 102.40                | 633.5        | 578.6          | 713.0                  | 686.4           | 26.57                     | 26.836            |                    |          |
| 7,220.0                                                                                  | 7,148.5               | 7,173.1                                   | 7,123.6               | 20.8                   | 9.1           | 102.35                | 634.0        | 579.5          | 713.7                  | 687.1           | 26.66                     | 26.768            |                    |          |
| 7,300.0                                                                                  | 7,228.5               | 7,261.6                                   | 7,212.0               | 21.1                   | 9.2           | 102.18                | 635.5        | 582.4          | 716.0                  | 689.0           | 27.04                     | 26.486            |                    |          |
| 7,315.0                                                                                  | 7,243.5               | 7,278.3                                   | 7,228.6               | 21.1                   | 9.2           | 102.16                | 635.7        | 582.9          | 716.4                  | 689.3           | 27.10                     | 26.430            |                    |          |
| 7,400.0                                                                                  | 7,328.5               | 7,372.4                                   | 7,322.8               | 21.4                   | 9.3           | 102.07                | 636.5        | 584.4          | 717.6                  | 690.1           | 27.50                     | 26.098            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #804H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 9478-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference Offset                                                                         |                       |                       |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              |                        | Rule Assigned: Distance |                           |                   | Warning                     |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Ellipses (usft)         | Minimum Separation (usft) | Separation Factor |                             |  |
| 7,410.0                                                                                  | 7,338.5               | 7,383.5               | 7,333.9               | 21.4             | 9.3           | 102.06                | 636.5                  | 584.5        | 717.7                  | 690.1                   | 27.52                     | 26.074            |                             |  |
| 7,437.5                                                                                  | 7,366.0               | 7,414.0               | 7,364.4               | 21.5             | 9.3           | 102.06                | 636.6                  | 584.7        | 717.8                  | 690.2                   | 27.60                     | 26.006            |                             |  |
| 7,450.0                                                                                  | 7,378.5               | 7,427.8               | 7,378.2               | 21.5             | 9.3           | -78.46                | 636.6                  | 584.7        | 717.8                  | 690.2                   | 27.61                     | 25.994            |                             |  |
| 7,500.0                                                                                  | 7,428.4               | 7,478.0               | 7,428.4               | 21.5             | 9.4           | -78.77                | 636.6                  | 584.7        | 717.1                  | 689.5                   | 27.64                     | 25.944            |                             |  |
| 7,505.0                                                                                  | 7,433.4               | 7,483.0               | 7,433.4               | 21.6             | 9.4           | -78.83                | 636.6                  | 584.7        | 717.0                  | 689.4                   | 27.64                     | 25.937            |                             |  |
| 7,550.0                                                                                  | 7,477.8               | 7,527.4               | 7,477.8               | 21.7             | 9.4           | -79.51                | 636.6                  | 584.7        | 715.7                  | 688.0                   | 27.68                     | 25.857            |                             |  |
| 7,600.0                                                                                  | 7,526.3               | 7,576.0               | 7,526.3               | 21.9             | 9.5           | -80.63                | 636.6                  | 584.7        | 713.6                  | 685.9                   | 27.72                     | 25.739            |                             |  |
| 7,650.0                                                                                  | 7,573.7               | 7,623.3               | 7,573.7               | 22.1             | 9.5           | -82.09                | 636.6                  | 584.7        | 711.0                  | 683.3                   | 27.78                     | 25.597            |                             |  |
| 7,695.0                                                                                  | 7,614.9               | 7,664.6               | 7,614.9               | 22.2             | 9.6           | -83.65                | 636.6                  | 584.7        | 708.6                  | 680.8                   | 27.84                     | 25.456            |                             |  |
| 7,700.0                                                                                  | 7,619.4               | 7,669.1               | 7,619.4               | 22.2             | 9.6           | -83.83                | 636.6                  | 584.7        | 708.3                  | 680.5                   | 27.84                     | 25.440            |                             |  |
| 7,750.0                                                                                  | 7,663.2               | 7,712.9               | 7,663.2               | 22.4             | 9.6           | -85.78                | 636.6                  | 584.7        | 705.9                  | 677.9                   | 27.93                     | 25.276            |                             |  |
| 7,790.0                                                                                  | 7,696.7               | 7,746.3               | 7,696.7               | 22.5             | 9.7           | -87.42                | 636.6                  | 584.7        | 704.3                  | 676.3                   | 28.01                     | 25.147            |                             |  |
| 7,800.0                                                                                  | 7,704.8               | 7,754.4               | 7,704.8               | 22.5             | 9.7           | -87.84                | 636.6                  | 584.7        | 704.0                  | 676.0                   | 28.03                     | 25.116            |                             |  |
| 7,850.0                                                                                  | 7,743.8               | 7,793.4               | 7,743.8               | 22.7             | 9.7           | -89.90                | 636.6                  | 584.7        | 703.3                  | 675.1                   | 28.16                     | 24.970            |                             |  |
| 7,852.5                                                                                  | 7,745.7               | 7,795.3               | 7,745.7               | 22.7             | 9.7           | -90.00                | 636.6                  | 584.7        | 703.3                  | 675.1                   | 28.17                     | 24.964            |                             |  |
| 7,885.0                                                                                  | 7,769.4               | 7,819.0               | 7,769.4               | 22.8             | 9.8           | -91.29                | 636.6                  | 584.7        | 703.6                  | 675.3                   | 28.28                     | 24.884            |                             |  |
| 7,900.0                                                                                  | 7,779.9               | 7,829.5               | 7,779.9               | 22.8             | 9.8           | -91.85                | 636.6                  | 584.7        | 704.0                  | 675.7                   | 28.33                     | 24.852            |                             |  |
| 7,950.0                                                                                  | 7,812.9               | 7,862.5               | 7,812.9               | 22.9             | 9.8           | -93.59                | 636.6                  | 584.7        | 706.8                  | 678.2                   | 28.53                     | 24.774            |                             |  |
| 7,980.0                                                                                  | 7,831.0               | 7,880.7               | 7,831.0               | 22.9             | 9.8           | -94.48                | 636.6                  | 584.7        | 709.6                  | 680.9                   | 28.67                     | 24.751            |                             |  |
| 8,000.0                                                                                  | 7,842.4               | 7,892.1               | 7,842.4               | 23.0             | 9.8           | -95.00                | 636.6                  | 584.7        | 711.9                  | 683.2                   | 28.77                     | 24.748            |                             |  |
| 8,050.0                                                                                  | 7,868.4               | 7,918.0               | 7,868.4               | 23.1             | 9.9           | -96.00                | 636.6                  | 584.7        | 719.8                  | 690.8                   | 29.04                     | 24.788            |                             |  |
| 8,075.0                                                                                  | 7,879.9               | 7,929.5               | 7,879.9               | 23.1             | 9.9           | -96.31                | 636.6                  | 584.7        | 724.9                  | 695.7                   | 29.19                     | 24.836            |                             |  |
| 8,100.0                                                                                  | 7,890.5               | 7,940.1               | 7,890.5               | 23.1             | 9.9           | -96.48                | 636.6                  | 584.7        | 730.7                  | 701.4                   | 29.34                     | 24.905            |                             |  |
| 8,150.0                                                                                  | 7,908.6               | 7,958.2               | 7,908.6               | 23.2             | 9.9           | -96.39                | 636.6                  | 584.7        | 744.7                  | 715.0                   | 29.66                     | 25.110            |                             |  |
| 8,170.0                                                                                  | 7,914.7               | 7,964.3               | 7,914.7               | 23.2             | 9.9           | -96.18                | 636.6                  | 584.7        | 751.2                  | 721.4                   | 29.79                     | 25.217            |                             |  |
| 8,200.0                                                                                  | 7,922.6               | 7,972.2               | 7,922.6               | 23.2             | 9.9           | -95.66                | 636.6                  | 584.7        | 761.8                  | 731.8                   | 29.98                     | 25.408            |                             |  |
| 8,250.0                                                                                  | 7,932.3               | 7,982.0               | 7,932.3               | 23.2             | 9.9           | -94.23                | 636.6                  | 584.7        | 782.0                  | 751.7                   | 30.30                     | 25.804            |                             |  |
| 8,265.0                                                                                  | 7,934.4               | 7,984.1               | 7,934.4               | 23.2             | 9.9           | -93.67                | 636.6                  | 584.7        | 788.6                  | 758.2                   | 30.40                     | 25.941            |                             |  |
| 8,300.0                                                                                  | 7,937.8               | 7,987.4               | 7,937.8               | 23.2             | 9.9           | -92.09                | 636.6                  | 584.7        | 805.0                  | 774.3                   | 30.61                     | 26.295            |                             |  |
| 8,336.0                                                                                  | 7,939.0               | 7,988.6               | 7,939.0               | 23.2             | 9.9           | -90.09                | 636.6                  | 584.7        | 823.1                  | 792.2                   | 30.82                     | 26.706            |                             |  |
| 8,360.0                                                                                  | 7,939.1               | 7,988.7               | 7,939.1               | 23.2             | 9.9           | -90.10                | 636.6                  | 584.7        | 835.8                  | 804.8                   | 30.95                     | 27.003            |                             |  |
| 8,400.0                                                                                  | 7,939.2               | 7,988.8               | 7,939.2               | 23.2             | 9.9           | -90.11                | 636.6                  | 584.7        | 858.0                  | 826.9                   | 31.16                     | 27.537            |                             |  |
| 8,455.0                                                                                  | 7,939.3               | 7,989.0               | 7,939.3               | 23.2             | 9.9           | -90.12                | 636.6                  | 584.7        | 890.7                  | 859.3                   | 31.43                     | 28.341            |                             |  |
| 8,500.0                                                                                  | 7,939.4               | 7,989.1               | 7,939.4               | 23.2             | 9.9           | -90.13                | 636.6                  | 584.7        | 919.0                  | 887.4                   | 31.62                     | 29.060            |                             |  |
| 8,550.0                                                                                  | 7,939.6               | 7,989.2               | 7,939.6               | 23.2             | 9.9           | -90.14                | 636.6                  | 584.7        | 952.0                  | 920.1                   | 31.83                     | 29.910            |                             |  |
| 8,600.0                                                                                  | 7,939.7               | 7,989.3               | 7,939.7               | 23.2             | 9.9           | -90.15                | 636.6                  | 584.7        | 986.4                  | 954.3                   | 32.01                     | 30.817            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #805H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-MWD+IFR1+FDIR                                                          |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Offset</b>           |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Rule Assigned:</b>         |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 0.0                                                                                             | 0.0                          | 0.0                          | 0.0                          | 3.0                     | 3.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         |                                |                                  |                           |                |
| 95.0                                                                                            | 95.0                         | 95.0                         | 95.0                         | 3.0                     | 3.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 333.0                          | 6.00                             | 56.467                    |                |
| 100.0                                                                                           | 100.0                        | 100.0                        | 100.0                        | 3.0                     | 3.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 333.0                          | 6.00                             | 56.464                    |                |
| 190.0                                                                                           | 190.0                        | 190.0                        | 190.0                        | 3.0                     | 3.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.9                          | 6.04                             | 56.139                    |                |
| 200.0                                                                                           | 200.0                        | 200.0                        | 200.0                        | 3.0                     | 3.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.9                          | 6.04                             | 56.081                    |                |
| 285.0                                                                                           | 285.0                        | 285.0                        | 285.0                        | 3.0                     | 3.1                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.8                          | 6.12                             | 55.423                    |                |
| 300.0                                                                                           | 300.0                        | 300.0                        | 300.0                        | 3.0                     | 3.1                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.8                          | 6.13                             | 55.278                    |                |
| 380.0                                                                                           | 380.0                        | 380.0                        | 380.0                        | 3.0                     | 3.2                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.7                          | 6.23                             | 54.374                    |                |
| 400.0                                                                                           | 400.0                        | 400.0                        | 400.0                        | 3.0                     | 3.2                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.7                          | 6.26                             | 54.116                    |                |
| 475.0                                                                                           | 475.0                        | 475.0                        | 475.0                        | 3.0                     | 3.3                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.6                          | 6.39                             | 53.057                    |                |
| 500.0                                                                                           | 500.0                        | 500.0                        | 500.0                        | 3.1                     | 3.4                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.5                          | 6.43                             | 52.675                    |                |
| 570.0                                                                                           | 570.0                        | 570.0                        | 570.0                        | 3.1                     | 3.5                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.4                          | 6.58                             | 51.543                    |                |
| 600.0                                                                                           | 600.0                        | 600.0                        | 600.0                        | 3.1                     | 3.6                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.3                          | 6.64                             | 51.035                    |                |
| 665.0                                                                                           | 665.0                        | 665.0                        | 665.0                        | 3.1                     | 3.7                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.2                          | 6.79                             | 49.898                    |                |
| 700.0                                                                                           | 700.0                        | 700.0                        | 700.0                        | 3.1                     | 3.8                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 332.1                          | 6.88                             | 49.271                    |                |
| 760.0                                                                                           | 760.0                        | 760.0                        | 760.0                        | 3.1                     | 3.9                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.9                          | 7.04                             | 48.181                    |                |
| 800.0                                                                                           | 800.0                        | 800.0                        | 800.0                        | 3.2                     | 4.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.8                          | 7.14                             | 47.447                    |                |
| 855.0                                                                                           | 855.0                        | 855.0                        | 855.0                        | 3.2                     | 4.1                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.7                          | 7.30                             | 46.435                    |                |
| 900.0                                                                                           | 900.0                        | 900.0                        | 900.0                        | 3.2                     | 4.2                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.5                          | 7.43                             | 45.610                    |                |
| 950.0                                                                                           | 950.0                        | 950.0                        | 950.0                        | 3.2                     | 4.4                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.4                          | 7.58                             | 44.699                    |                |
| 1,000.0                                                                                         | 1,000.0                      | 1,000.0                      | 1,000.0                      | 3.2                     | 4.5                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.2                          | 7.74                             | 43.797                    |                |
| 1,045.0                                                                                         | 1,045.0                      | 1,045.0                      | 1,045.0                      | 3.3                     | 4.6                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 331.1                          | 7.88                             | 42.995                    |                |
| 1,100.0                                                                                         | 1,100.0                      | 1,100.0                      | 1,100.0                      | 3.3                     | 4.8                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 330.9                          | 8.06                             | 42.032                    |                |
| 1,140.0                                                                                         | 1,140.0                      | 1,140.0                      | 1,140.0                      | 3.3                     | 4.9                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 330.8                          | 8.20                             | 41.343                    |                |
| 1,200.0                                                                                         | 1,200.0                      | 1,200.0                      | 1,200.0                      | 3.4                     | 5.1                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 330.5                          | 8.40                             | 40.331                    |                |
| 1,235.0                                                                                         | 1,235.0                      | 1,235.0                      | 1,235.0                      | 3.4                     | 5.2                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 330.4                          | 8.53                             | 39.753                    |                |
| 1,300.0                                                                                         | 1,300.0                      | 1,300.0                      | 1,300.0                      | 3.4                     | 5.3                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 330.2                          | 8.76                             | 38.705                    |                |
| 1,330.0                                                                                         | 1,330.0                      | 1,330.0                      | 1,330.0                      | 3.4                     | 5.4                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 330.1                          | 8.87                             | 38.233                    |                |
| 1,400.0                                                                                         | 1,400.0                      | 1,400.0                      | 1,400.0                      | 3.5                     | 5.6                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 329.8                          | 9.12                             | 37.158                    |                |
| 1,425.0                                                                                         | 1,425.0                      | 1,425.0                      | 1,425.0                      | 3.5                     | 5.7                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 329.7                          | 9.21                             | 36.784                    |                |
| 1,500.0                                                                                         | 1,500.0                      | 1,500.0                      | 1,500.0                      | 3.5                     | 6.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 329.5                          | 9.50                             | 35.692                    |                |
| 1,520.0                                                                                         | 1,520.0                      | 1,520.0                      | 1,520.0                      | 3.6                     | 6.0                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 329.4                          | 9.57                             | 35.408                    |                |
| 1,600.0                                                                                         | 1,600.0                      | 1,600.0                      | 1,600.0                      | 3.6                     | 6.3                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 329.1                          | 9.88                             | 34.306                    |                |
| 1,615.0                                                                                         | 1,615.0                      | 1,615.0                      | 1,615.0                      | 3.6                     | 6.3                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 329.0                          | 9.94                             | 34.105                    |                |
| 1,700.0                                                                                         | 1,700.0                      | 1,700.0                      | 1,700.0                      | 3.7                     | 6.6                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 328.7                          | 10.27                            | 32.998                    |                |
| 1,710.0                                                                                         | 1,710.0                      | 1,710.0                      | 1,710.0                      | 3.7                     | 6.6                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 328.6                          | 10.31                            | 32.871                    |                |
| 1,800.0                                                                                         | 1,800.0                      | 1,800.0                      | 1,800.0                      | 3.8                     | 6.9                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 328.3                          | 10.67                            | 31.764                    |                |
| 1,805.0                                                                                         | 1,805.0                      | 1,805.0                      | 1,805.0                      | 3.8                     | 6.9                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 328.3                          | 10.69                            | 31.705                    |                |
| 1,900.0                                                                                         | 1,900.0                      | 1,900.0                      | 1,900.0                      | 3.9                     | 7.2                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 327.9                          | 11.08                            | 30.602                    |                |
| 1,995.0                                                                                         | 1,995.0                      | 1,995.0                      | 1,995.0                      | 3.9                     | 7.5                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 327.5                          | 11.47                            | 29.560                    |                |
| 2,000.0                                                                                         | 2,000.0                      | 2,000.0                      | 2,000.0                      | 3.9                     | 7.6                  | -6.77                        | 336.6                         | -40.0               | 339.0                         | 327.5                          | 11.49                            | 29.507                    |                |
| 2,090.0                                                                                         | 2,090.0                      | 2,090.0                      | 2,090.0                      | 4.1                     | 7.9                  | 1.72                         | 336.6                         | -40.0               | 337.5                         | 325.6                          | 11.98                            | 28.177                    |                |
| 2,100.0                                                                                         | 2,100.0                      | 2,100.0                      | 2,100.0                      | 4.2                     | 7.9                  | 1.72                         | 336.6                         | -40.0               | 337.2                         | 325.2                          | 12.03                            | 28.021                    |                |
| 2,185.0                                                                                         | 2,184.9                      | 2,184.9                      | 2,184.9                      | 4.7                     | 8.2                  | 1.75                         | 336.6                         | -40.0               | 333.0                         | 320.1                          | 12.86                            | 25.890                    |                |
| 2,200.0                                                                                         | 2,199.8                      | 2,199.8                      | 2,199.8                      | 4.8                     | 8.2                  | 1.75                         | 336.6                         | -40.0               | 332.0                         | 319.0                          | 13.01                            | 25.511                    |                |
| 2,280.0                                                                                         | 2,279.6                      | 2,279.6                      | 2,279.6                      | 5.3                     | 8.5                  | 1.79                         | 336.6                         | -40.0               | 325.3                         | 311.5                          | 13.75                            | 23.655                    |                |
| 2,300.0                                                                                         | 2,299.5                      | 2,299.5                      | 2,299.5                      | 5.4                     | 8.6                  | 1.81                         | 336.6                         | -40.0               | 323.3                         | 309.3                          | 13.94                            | 23.191                    |                |
| 2,375.0                                                                                         | 2,373.9                      | 2,373.9                      | 2,373.9                      | 5.9                     | 8.8                  | 1.86                         | 336.6                         | -40.0               | 314.5                         | 299.9                          | 14.60                            | 21.533                    |                |
| 2,400.0                                                                                         | 2,398.7                      | 2,398.7                      | 2,398.7                      | 6.0                     | 8.9                  | 1.88                         | 336.6                         | -40.0               | 311.1                         | 296.3                          | 14.83                            | 20.980                    |                |
| 2,470.0                                                                                         | 2,467.9                      | 2,467.9                      | 2,467.9                      | 6.4                     | 9.1                  | 1.96                         | 336.6                         | -40.0               | 300.5                         | 285.1                          | 15.43                            | 19.477                    |                |
| 2,500.0                                                                                         | 2,497.5                      | 2,497.5                      | 2,497.5                      | 6.6                     | 9.2                  | 2.00                         | 336.6                         | -40.0               | 295.5                         | 279.8                          | 15.69                            | 18.833                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

### Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #805H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-MWD+IFR1+FDIR                                                          |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Offset</b>           |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 2,550.1                                                                                         | 2,546.7                      | 2,543.2                      | 2,543.2                      | 6.7                     | 9.4                  | 2.02                         | 336.8                         | -40.2               | 286.6                         | 270.7                          | 15.96                            | 17.963                    |                |
| 2,565.0                                                                                         | 2,561.4                      | 2,556.8                      | 2,556.8                      | 6.7                     | 9.4                  | 2.01                         | 337.0                         | -40.3               | 284.0                         | 268.0                          | 16.02                            | 17.725                    |                |
| 2,600.0                                                                                         | 2,595.7                      | 2,588.7                      | 2,588.7                      | 6.7                     | 9.5                  | 1.96                         | 337.6                         | -40.9               | 278.0                         | 261.8                          | 16.17                            | 17.189                    |                |
| 2,660.0                                                                                         | 2,654.6                      | 2,643.7                      | 2,643.7                      | 6.8                     | 9.7                  | 1.75                         | 339.3                         | -42.4               | 268.5                         | 252.1                          | 16.44                            | 16.337                    |                |
| 2,700.0                                                                                         | 2,693.9                      | 2,680.5                      | 2,680.4                      | 6.9                     | 9.8                  | 1.53                         | 340.8                         | -43.8               | 262.7                         | 246.1                          | 16.61                            | 15.817                    |                |
| 2,755.0                                                                                         | 2,747.9                      | 2,731.2                      | 2,731.0                      | 7.0                     | 10.0                 | 1.12                         | 343.5                         | -46.2               | 255.4                         | 238.5                          | 16.86                            | 15.149                    |                |
| 2,800.0                                                                                         | 2,792.0                      | 2,772.8                      | 2,772.4                      | 7.1                     | 10.2                 | 0.67                         | 346.2                         | -48.7               | 250.0                         | 233.0                          | 17.06                            | 14.656                    |                |
| 2,850.0                                                                                         | 2,841.1                      | 2,820.5                      | 2,819.9                      | 7.1                     | 10.3                 | 0.04                         | 349.8                         | -52.0               | 244.7                         | 227.4                          | 17.30                            | 14.146                    |                |
| 2,900.0                                                                                         | 2,890.2                      | 2,870.2                      | 2,869.2                      | 7.2                     | 10.5                 | -0.65                        | 353.6                         | -55.5               | 239.4                         | 221.9                          | 17.54                            | 13.648                    |                |
| 2,945.0                                                                                         | 2,934.4                      | 2,914.8                      | 2,913.7                      | 7.3                     | 10.6                 | -1.30                        | 357.1                         | -58.6               | 234.8                         | 217.0                          | 17.77                            | 13.210                    |                |
| 3,000.0                                                                                         | 2,988.4                      | 2,969.4                      | 2,968.0                      | 7.4                     | 10.8                 | -2.13                        | 361.3                         | -62.5               | 229.1                         | 211.0                          | 18.05                            | 12.693                    |                |
| 3,040.0                                                                                         | 3,027.6                      | 3,009.2                      | 3,007.5                      | 7.5                     | 11.0                 | -2.77                        | 364.3                         | -65.3               | 225.0                         | 206.7                          | 18.26                            | 12.325                    |                |
| 3,100.0                                                                                         | 3,086.5                      | 3,068.7                      | 3,066.7                      | 7.7                     | 11.2                 | -3.76                        | 368.9                         | -69.5               | 218.9                         | 200.4                          | 18.56                            | 11.793                    |                |
| 3,135.0                                                                                         | 3,120.9                      | 3,103.5                      | 3,101.3                      | 7.7                     | 11.3                 | -4.36                        | 371.6                         | -71.9               | 215.4                         | 196.7                          | 18.75                            | 11.490                    |                |
| 3,200.0                                                                                         | 3,184.7                      | 3,168.0                      | 3,165.4                      | 7.9                     | 11.5                 | -5.54                        | 376.6                         | -76.4               | 208.9                         | 189.9                          | 19.09                            | 10.947                    |                |
| 3,230.0                                                                                         | 3,214.1                      | 3,197.8                      | 3,195.1                      | 8.0                     | 11.6                 | -6.10                        | 378.9                         | -78.5               | 206.0                         | 186.8                          | 19.25                            | 10.704                    |                |
| 3,300.0                                                                                         | 3,282.8                      | 3,267.3                      | 3,264.2                      | 8.1                     | 11.8                 | -7.49                        | 384.3                         | -83.4               | 199.2                         | 179.6                          | 19.61                            | 10.156                    |                |
| 3,325.0                                                                                         | 3,307.4                      | 3,292.1                      | 3,288.9                      | 8.2                     | 11.9                 | -8.01                        | 386.2                         | -85.2               | 196.8                         | 177.0                          | 19.75                            | 9.966                     |                |
| 3,400.0                                                                                         | 3,381.0                      | 3,366.6                      | 3,362.9                      | 8.4                     | 12.2                 | -9.64                        | 391.9                         | -90.4               | 189.7                         | 169.5                          | 20.14                            | 9.417                     |                |
| 3,420.0                                                                                         | 3,400.6                      | 3,386.4                      | 3,382.7                      | 8.4                     | 12.3                 | -10.10                       | 393.5                         | -91.8               | 187.8                         | 167.6                          | 20.25                            | 9.275                     |                |
| 3,500.0                                                                                         | 3,479.2                      | 3,465.8                      | 3,461.6                      | 8.7                     | 12.5                 | -12.01                       | 399.6                         | -97.4               | 180.5                         | 159.8                          | 20.67                            | 8.730                     |                |
| 3,515.0                                                                                         | 3,493.9                      | 3,480.7                      | 3,476.5                      | 8.7                     | 12.6                 | -12.39                       | 400.8                         | -98.5               | 179.1                         | 158.4                          | 20.75                            | 8.631                     |                |
| 3,600.0                                                                                         | 3,577.3                      | 3,565.1                      | 3,560.4                      | 8.9                     | 12.9                 | -14.63                       | 407.3                         | -104.4              | 171.6                         | 150.4                          | 21.20                            | 8.094                     |                |
| 3,610.0                                                                                         | 3,587.1                      | 3,575.0                      | 3,570.3                      | 9.0                     | 12.9                 | -14.91                       | 408.1                         | -105.1              | 170.7                         | 149.5                          | 21.26                            | 8.033                     |                |
| 3,700.0                                                                                         | 3,675.5                      | 3,664.4                      | 3,659.1                      | 9.2                     | 13.2                 | -17.53                       | 415.0                         | -111.4              | 163.1                         | 141.4                          | 21.73                            | 7.508                     |                |
| 3,705.0                                                                                         | 3,680.4                      | 3,669.4                      | 3,664.1                      | 9.2                     | 13.2                 | -17.69                       | 415.3                         | -111.8              | 162.7                         | 141.0                          | 21.76                            | 7.480                     |                |
| 3,800.0                                                                                         | 3,773.7                      | 3,763.7                      | 3,757.9                      | 9.5                     | 13.6                 | -20.74                       | 422.6                         | -118.4              | 155.1                         | 132.9                          | 22.25                            | 6.972                     |                |
| 3,895.0                                                                                         | 3,866.9                      | 3,858.0                      | 3,851.7                      | 9.8                     | 13.9                 | -24.09                       | 429.9                         | -125.0              | 148.0                         | 125.3                          | 22.74                            | 6.509                     |                |
| 3,900.0                                                                                         | 3,871.8                      | 3,863.0                      | 3,856.6                      | 9.8                     | 13.9                 | -24.27                       | 430.3                         | -125.4              | 147.7                         | 124.9                          | 22.77                            | 6.486                     |                |
| 3,990.0                                                                                         | 3,960.2                      | 3,952.3                      | 3,945.5                      | 10.1                    | 14.2                 | -27.76                       | 437.2                         | -131.7              | 141.5                         | 118.2                          | 23.23                            | 6.091                     |                |
| 4,000.0                                                                                         | 3,970.0                      | 3,962.2                      | 3,955.3                      | 10.1                    | 14.3                 | -28.17                       | 438.0                         | -132.4              | 140.8                         | 117.5                          | 23.28                            | 6.049                     |                |
| 4,085.0                                                                                         | 4,053.4                      | 4,046.6                      | 4,039.3                      | 10.3                    | 14.6                 | -31.77                       | 444.5                         | -138.3              | 135.6                         | 111.8                          | 23.71                            | 5.717                     |                |
| 4,100.0                                                                                         | 4,068.1                      | 4,061.5                      | 4,054.1                      | 10.4                    | 14.6                 | -32.43                       | 445.6                         | -139.4              | 134.7                         | 110.9                          | 23.79                            | 5.662                     |                |
| 4,180.0                                                                                         | 4,146.7                      | 4,140.9                      | 4,133.1                      | 10.6                    | 14.9                 | -36.11                       | 451.8                         | -145.0              | 130.4                         | 106.2                          | 24.20                            | 5.388                     |                |
| 4,200.0                                                                                         | 4,166.3                      | 4,160.8                      | 4,152.8                      | 10.7                    | 15.0                 | -37.07                       | 453.3                         | -146.4              | 129.4                         | 105.1                          | 24.30                            | 5.324                     |                |
| 4,275.0                                                                                         | 4,239.9                      | 4,235.3                      | 4,226.9                      | 10.9                    | 15.2                 | -40.79                       | 459.0                         | -151.6              | 126.0                         | 101.3                          | 24.69                            | 5.103                     |                |
| 4,300.0                                                                                         | 4,264.5                      | 4,260.1                      | 4,251.5                      | 11.0                    | 15.3                 | -42.07                       | 461.0                         | -153.4              | 125.0                         | 100.2                          | 24.82                            | 5.036                     |                |
| 4,370.0                                                                                         | 4,333.2                      | 4,329.6                      | 4,320.7                      | 11.2                    | 15.6                 | -45.75                       | 466.3                         | -158.3              | 122.5                         | 97.3                           | 25.20                            | 4.863                     |                |
| 4,400.0                                                                                         | 4,362.6                      | 4,359.4                      | 4,350.3                      | 11.3                    | 15.7                 | -47.38                       | 468.6                         | -160.4              | 121.6                         | 96.3                           | 25.36                            | 4.796                     |                |
| 4,465.0                                                                                         | 4,426.4                      | 4,423.9                      | 4,414.5                      | 11.5                    | 15.9                 | -50.97                       | 473.6                         | -164.9              | 120.0                         | 94.3                           | 25.73                            | 4.666                     |                |
| 4,500.0                                                                                         | 4,460.8                      | 4,458.6                      | 4,449.0                      | 11.6                    | 16.0                 | -52.93                       | 476.3                         | -167.3              | 119.4                         | 93.5                           | 25.93                            | 4.604                     |                |
| 4,560.0                                                                                         | 4,519.7                      | 4,518.2                      | 4,508.3                      | 11.8                    | 16.2                 | -56.35                       | 480.9                         | -171.5              | 118.6                         | 92.3                           | 26.29                            | 4.511                     |                |
| 4,600.0                                                                                         | 4,559.0                      | 4,557.9                      | 4,547.7                      | 12.0                    | 16.4                 | -58.64                       | 484.0                         | -174.3              | 118.3                         | 91.8                           | 26.54                            | 4.458                     |                |
| 4,638.9                                                                                         | 4,597.1                      | 4,596.5                      | 4,586.2                      | 12.1                    | 16.5                 | -60.88                       | 487.0                         | -177.1              | 118.2                         | 91.4                           | 26.79                            | 4.413 CC                  |                |
| 4,655.0                                                                                         | 4,612.9                      | 4,612.5                      | 4,602.1                      | 12.1                    | 16.6                 | -61.81                       | 488.2                         | -178.2              | 118.2                         | 91.3                           | 26.90                            | 4.396                     |                |
| 4,700.0                                                                                         | 4,657.1                      | 4,657.2                      | 4,646.5                      | 12.3                    | 16.7                 | -64.40                       | 491.6                         | -181.3              | 118.5                         | 91.3                           | 27.20                            | 4.355 ES                  |                |
| 4,750.0                                                                                         | 4,706.2                      | 4,706.8                      | 4,695.9                      | 12.5                    | 16.9                 | -67.26                       | 495.5                         | -184.8              | 119.0                         | 91.4                           | 27.54                            | 4.320                     |                |
| 4,800.0                                                                                         | 4,755.3                      | 4,756.5                      | 4,745.2                      | 12.6                    | 17.1                 | -70.08                       | 499.3                         | -188.3              | 119.8                         | 91.9                           | 27.90                            | 4.294                     |                |
| 4,845.0                                                                                         | 4,799.4                      | 4,801.2                      | 4,789.7                      | 12.8                    | 17.2                 | -72.59                       | 502.8                         | -191.5              | 120.8                         | 92.5                           | 28.23                            | 4.278                     |                |
| 4,900.0                                                                                         | 4,853.4                      | 4,855.8                      | 4,844.0                      | 13.0                    | 17.4                 | -75.59                       | 507.0                         | -195.3              | 122.3                         | 93.6                           | 28.64                            | 4.269                     |                |
| 4,940.0                                                                                         | 4,892.7                      | 4,895.5                      | 4,883.5                      | 13.1                    | 17.6                 | -77.73                       | 510.0                         | -198.1              | 123.6                         | 94.7                           | 28.95                            | 4.269                     |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #805H - OWB - PWP0 |                       |                        |                       |                  |               |                        |              |              |                         |                         |                           | Offset Site Error: 0.0 usft |                             |  |
|------------------------------------------------------------------------------------------|-----------------------|------------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|-------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|--|
| Survey Program: Reference                                                                |                       | 0-MWD+IFR1+FDIR Offset |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Rule Assigned: Distance |                         |                           |                             | Offset Well Error: 3.0 usft |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft)  | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor           | Warning                     |  |
| 5,000.0                                                                                  | 4,951.6               | 4,955.1                | 4,942.7               | 13.3             | 17.8          | -80.84                 | 514.6        | -202.3       | 125.9                   | 96.5                    | 29.42                     | 4.279                       |                             |  |
| 5,035.0                                                                                  | 4,986.0               | 4,989.8                | 4,977.3               | 13.4             | 17.9          | -82.60                 | 517.3        | -204.8       | 127.4                   | 97.7                    | 29.70                     | 4.289                       |                             |  |
| 5,100.0                                                                                  | 5,049.8               | 5,054.3                | 5,041.4               | 13.6             | 18.1          | -85.75                 | 522.3        | -209.3       | 130.5                   | 100.3                   | 30.22                     | 4.318                       |                             |  |
| 5,130.0                                                                                  | 5,079.2               | 5,084.1                | 5,071.1               | 13.7             | 18.2          | -87.16                 | 524.6        | -211.4       | 132.0                   | 101.6                   | 30.46                     | 4.335                       |                             |  |
| 5,200.0                                                                                  | 5,147.9               | 5,153.6                | 5,140.2               | 14.0             | 18.5          | -90.31                 | 530.0        | -216.3       | 136.0                   | 105.0                   | 31.03                     | 4.382                       |                             |  |
| 5,225.0                                                                                  | 5,172.5               | 5,178.4                | 5,164.9               | 14.1             | 18.6          | -91.39                 | 531.9        | -218.0       | 137.5                   | 106.3                   | 31.24                     | 4.401                       |                             |  |
| 5,300.0                                                                                  | 5,246.1               | 5,252.9                | 5,238.9               | 14.3             | 18.9          | -94.49                 | 537.7        | -223.3       | 142.3                   | 110.4                   | 31.85                     | 4.467                       |                             |  |
| 5,320.0                                                                                  | 5,265.7               | 5,272.7                | 5,258.7               | 14.4             | 18.9          | -95.29                 | 539.2        | -224.7       | 143.6                   | 111.6                   | 32.02                     | 4.486                       |                             |  |
| 5,400.0                                                                                  | 5,344.2               | 5,352.2                | 5,337.6               | 14.7             | 19.2          | -98.31                 | 545.3        | -230.3       | 149.3                   | 116.6                   | 32.67                     | 4.569                       |                             |  |
| 5,415.0                                                                                  | 5,359.0               | 5,367.1                | 5,352.5               | 14.7             | 19.3          | -98.85                 | 546.5        | -231.3       | 150.4                   | 117.6                   | 32.79                     | 4.586                       |                             |  |
| 5,500.0                                                                                  | 5,442.4               | 5,451.5                | 5,436.4               | 15.0             | 19.6          | -101.77                | 553.0        | -237.3       | 156.9                   | 123.4                   | 33.48                     | 4.685                       |                             |  |
| 5,510.0                                                                                  | 5,452.2               | 5,461.4                | 5,446.3               | 15.0             | 19.6          | -102.10                | 553.8        | -238.0       | 157.7                   | 124.1                   | 33.56                     | 4.697                       |                             |  |
| 5,600.0                                                                                  | 5,540.6               | 5,550.7                | 5,535.1               | 15.4             | 19.9          | -104.90                | 560.7        | -244.3       | 165.0                   | 130.7                   | 34.29                     | 4.812                       |                             |  |
| 5,605.0                                                                                  | 5,545.5               | 5,555.7                | 5,540.1               | 15.4             | 19.9          | -105.05                | 561.0        | -244.6       | 165.4                   | 131.1                   | 34.33                     | 4.818                       |                             |  |
| 5,700.0                                                                                  | 5,638.7               | 5,650.0                | 5,633.9               | 15.7             | 20.3          | -107.73                | 568.3        | -251.2       | 173.6                   | 138.5                   | 35.09                     | 4.946                       |                             |  |
| 5,795.0                                                                                  | 5,732.0               | 5,744.3                | 5,727.7               | 16.0             | 20.6          | -110.18                | 575.6        | -257.9       | 182.0                   | 146.2                   | 35.84                     | 5.079                       |                             |  |
| 5,800.0                                                                                  | 5,736.9               | 5,749.3                | 5,732.6               | 16.1             | 20.6          | -110.30                | 576.0        | -258.2       | 182.5                   | 146.6                   | 35.88                     | 5.086                       |                             |  |
| 5,889.3                                                                                  | 5,824.6               | 5,838.0                | 5,820.8               | 16.4             | 20.9          | -112.38                | 582.8        | -264.5       | 190.8                   | 154.2                   | 36.58                     | 5.215                       |                             |  |
| 5,890.0                                                                                  | 5,825.2               | 5,838.6                | 5,821.5               | 16.4             | 21.0          | -112.40                | 582.9        | -264.5       | 190.8                   | 154.3                   | 36.58                     | 5.216                       |                             |  |
| 5,900.0                                                                                  | 5,835.1               | 5,848.6                | 5,831.3               | 16.4             | 21.0          | -112.63                | 583.7        | -265.2       | 191.8                   | 155.1                   | 36.66                     | 5.231                       |                             |  |
| 5,985.0                                                                                  | 5,918.6               | 5,933.0                | 5,915.3               | 16.7             | 21.3          | -114.30                | 590.2        | -271.2       | 199.6                   | 162.3                   | 37.30                     | 5.350                       |                             |  |
| 6,000.0                                                                                  | 5,933.4               | 5,948.0                | 5,930.2               | 16.7             | 21.3          | -114.54                | 591.3        | -272.2       | 200.9                   | 163.5                   | 37.42                     | 5.369                       |                             |  |
| 6,080.0                                                                                  | 6,012.3               | 6,027.8                | 6,009.6               | 17.0             | 21.6          | -115.71                | 597.3        | -277.7       | 207.8                   | 169.7                   | 38.02                     | 5.464                       |                             |  |
| 6,100.0                                                                                  | 6,032.1               | 6,047.8                | 6,029.6               | 17.1             | 21.7          | -116.00                | 598.7        | -279.0       | 209.4                   | 171.2                   | 38.17                     | 5.485                       |                             |  |
| 6,175.0                                                                                  | 6,106.2               | 6,122.9                | 6,104.3               | 17.3             | 22.0          | -117.03                | 603.4        | -283.3       | 215.2                   | 176.4                   | 38.73                     | 5.555                       |                             |  |
| 6,200.0                                                                                  | 6,131.0               | 6,147.9                | 6,129.2               | 17.4             | 22.1          | -117.36                | 604.9        | -284.6       | 217.0                   | 178.1                   | 38.92                     | 5.575                       |                             |  |
| 6,270.0                                                                                  | 6,200.4               | 6,217.9                | 6,199.1               | 17.7             | 22.3          | -118.29                | 608.4        | -287.8       | 221.8                   | 182.4                   | 39.44                     | 5.623                       |                             |  |
| 6,300.0                                                                                  | 6,230.2               | 6,247.9                | 6,229.1               | 17.8             | 22.4          | -118.69                | 609.7        | -289.0       | 223.7                   | 184.1                   | 39.67                     | 5.640                       |                             |  |
| 6,365.0                                                                                  | 6,294.7               | 6,312.9                | 6,294.0               | 18.0             | 22.6          | -119.53                | 612.2        | -291.2       | 227.6                   | 187.5                   | 40.15                     | 5.670                       |                             |  |
| 6,400.0                                                                                  | 6,329.5               | 6,347.9                | 6,329.0               | 18.1             | 22.8          | -119.98                | 613.3        | -292.2       | 229.6                   | 189.2                   | 40.40                     | 5.682                       |                             |  |
| 6,460.0                                                                                  | 6,389.3               | 6,407.9                | 6,388.9               | 18.3             | 23.0          | -120.75                | 614.8        | -293.6       | 232.7                   | 191.8                   | 40.84                     | 5.697                       |                             |  |
| 6,500.0                                                                                  | 6,429.1               | 6,447.9                | 6,428.9               | 18.5             | 23.1          | -121.26                | 615.6        | -294.3       | 234.6                   | 193.4                   | 41.14                     | 5.702                       |                             |  |
| 6,555.0                                                                                  | 6,483.9               | 6,502.9                | 6,483.8               | 18.6             | 23.3          | -121.97                | 616.3        | -295.0       | 236.9                   | 195.4                   | 41.54                     | 5.704                       |                             |  |
| 6,600.0                                                                                  | 6,528.8               | 6,547.8                | 6,528.8               | 18.8             | 23.5          | -122.55                | 616.5        | -295.2       | 238.7                   | 196.8                   | 41.86                     | 5.701                       |                             |  |
| 6,650.0                                                                                  | 6,578.7               | 6,597.7                | 6,578.7               | 19.0             | 23.7          | -123.19                | 616.6        | -295.3       | 240.4                   | 198.2                   | 42.22                     | 5.693                       |                             |  |
| 6,700.0                                                                                  | 6,628.6               | 6,647.7                | 6,628.6               | 19.1             | 23.8          | -123.74                | 616.6        | -295.3       | 241.9                   | 199.3                   | 42.58                     | 5.681                       |                             |  |
| 6,745.0                                                                                  | 6,673.6               | 6,692.6                | 6,673.6               | 19.3             | 24.0          | -124.16                | 616.6        | -295.3       | 243.1                   | 200.2                   | 42.90                     | 5.666                       |                             |  |
| 6,800.0                                                                                  | 6,728.5               | 6,747.6                | 6,728.5               | 19.5             | 24.2          | -124.58                | 616.6        | -295.3       | 244.3                   | 201.0                   | 43.29                     | 5.642                       |                             |  |
| 6,840.0                                                                                  | 6,768.5               | 6,787.6                | 6,768.5               | 19.6             | 24.3          | -124.81                | 616.6        | -295.3       | 244.9                   | 201.4                   | 43.57                     | 5.622                       |                             |  |
| 6,900.0                                                                                  | 6,828.5               | 6,847.5                | 6,828.5               | 19.8             | 24.5          | -125.06                | 616.6        | -295.3       | 245.6                   | 201.7                   | 43.98                     | 5.585                       |                             |  |
| 6,935.0                                                                                  | 6,863.5               | 6,882.5                | 6,863.5               | 19.9             | 24.7          | -125.14                | 616.6        | -295.3       | 245.9                   | 201.7                   | 44.22                     | 5.560                       |                             |  |
| 6,989.5                                                                                  | 6,918.0               | 6,937.0                | 6,918.0               | 20.1             | 24.8          | -133.68                | 616.6        | -295.3       | 246.0                   | 201.4                   | 44.60                     | 5.517                       |                             |  |
| 7,000.0                                                                                  | 6,928.5               | 6,947.5                | 6,928.5               | 20.1             | 24.9          | -133.68                | 616.6        | -295.3       | 246.0                   | 201.4                   | 44.67                     | 5.509                       |                             |  |
| 7,030.0                                                                                  | 6,958.5               | 6,977.5                | 6,958.5               | 20.2             | 25.0          | -133.68                | 616.6        | -295.3       | 246.0                   | 201.2                   | 44.87                     | 5.484                       |                             |  |
| 7,100.0                                                                                  | 7,028.5               | 7,047.5                | 7,028.5               | 20.4             | 25.2          | -133.68                | 616.6        | -295.3       | 246.0                   | 200.7                   | 45.34                     | 5.427                       |                             |  |
| 7,125.0                                                                                  | 7,053.5               | 7,072.5                | 7,053.5               | 20.5             | 25.3          | -133.68                | 616.6        | -295.3       | 246.0                   | 200.5                   | 45.51                     | 5.407                       |                             |  |
| 7,200.0                                                                                  | 7,128.5               | 7,147.5                | 7,128.5               | 20.7             | 25.6          | -133.68                | 616.6        | -295.3       | 246.0                   | 200.0                   | 46.02                     | 5.346                       |                             |  |
| 7,220.0                                                                                  | 7,148.5               | 7,167.5                | 7,148.5               | 20.8             | 25.7          | -133.68                | 616.6        | -295.3       | 246.0                   | 199.9                   | 46.16                     | 5.330                       |                             |  |
| 7,300.0                                                                                  | 7,228.5               | 7,247.5                | 7,228.5               | 21.1             | 25.9          | -133.68                | 616.6        | -295.3       | 246.0                   | 199.3                   | 46.71                     | 5.268                       |                             |  |
| 7,315.0                                                                                  | 7,243.5               | 7,262.5                | 7,243.5               | 21.1             | 26.0          | -133.68                | 616.6        | -295.3       | 246.0                   | 199.2                   | 46.81                     | 5.256                       |                             |  |
| 7,400.0                                                                                  | 7,328.5               | 7,347.5                | 7,328.5               | 21.4             | 26.3          | -133.68                | 616.6        | -295.3       | 246.0                   | 198.6                   | 47.40                     | 5.191                       |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                              |                              |                              |                               |                      |                       |                     |                     |                               |                                |                           |               |
|-------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|----------------------|-----------------------|---------------------|---------------------|-------------------------------|--------------------------------|---------------------------|---------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #805H - OWB - PWP0 |                              |                              |                              |                               |                      |                       |                     |                     |                               |                                | <b>Offset Site Error:</b> | 0.0 usft      |
| <b>Survey Program:</b> 0-MWD+IFR1+FDIR                                                          |                              |                              |                              |                               |                      |                       |                     |                     |                               |                                | <b>Offset Well Error:</b> | 3.0 usft      |
| <b>Reference</b>                                                                                | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Highside</b>              | <b>Offset Wellbore Centre</b> | <b>Distance</b>      | <b>Rule Assigned:</b> | <b>Minimum</b>      | <b>Separation</b>   | <b>Warning</b>                |                                |                           |               |
| <b>Measured Depth (usft)</b>                                                                    | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b>       | <b>Offset (usft)</b> | <b>Toolface (°)</b>   | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Separation (usft)</b>  | <b>Factor</b> |
| 7,410.0                                                                                         | 7,338.5                      | 7,357.5                      | 7,338.5                      | 21.4                          | 26.3                 | -133.68               | 616.6               | -295.3              | 246.0                         | 198.6                          | 47.45                     | 5.186         |
| 7,437.5                                                                                         | 7,366.0                      | 7,385.1                      | 7,366.0                      | 21.5                          | 26.4                 | -133.68               | 616.6               | -295.3              | 246.0                         | 198.5                          | 47.59                     | 5.170         |
| 7,450.0                                                                                         | 7,378.5                      | 7,397.5                      | 7,378.5                      | 21.5                          | 26.5                 | 45.86                 | 616.6               | -295.3              | 245.9                         | 198.3                          | 47.63                     | 5.163         |
| 7,500.0                                                                                         | 7,428.4                      | 7,447.4                      | 7,428.4                      | 21.5                          | 26.6                 | 46.57                 | 616.6               | -295.3              | 243.7                         | 195.8                          | 47.84                     | 5.094         |
| 7,505.0                                                                                         | 7,433.4                      | 7,452.4                      | 7,433.4                      | 21.6                          | 26.7                 | 46.70                 | 616.6               | -295.3              | 243.3                         | 195.4                          | 47.86                     | 5.083         |
| 7,550.0                                                                                         | 7,477.8                      | 7,496.8                      | 7,477.8                      | 21.7                          | 26.8                 | 48.28                 | 616.6               | -295.3              | 238.5                         | 190.4                          | 48.08                     | 4.961         |
| 7,600.0                                                                                         | 7,526.3                      | 7,545.4                      | 7,526.3                      | 21.9                          | 27.0                 | 51.05                 | 616.6               | -295.3              | 230.7                         | 182.4                          | 48.28                     | 4.778         |
| 7,650.0                                                                                         | 7,573.7                      | 7,592.7                      | 7,573.7                      | 22.1                          | 27.2                 | 55.02                 | 616.6               | -295.3              | 220.7                         | 172.3                          | 48.42                     | 4.558         |
| 7,695.0                                                                                         | 7,614.9                      | 7,634.0                      | 7,614.9                      | 22.2                          | 27.3                 | 59.68                 | 616.6               | -295.3              | 210.4                         | 161.9                          | 48.47                     | 4.341         |
| 7,700.0                                                                                         | 7,619.4                      | 7,638.5                      | 7,619.4                      | 22.2                          | 27.3                 | 60.27                 | 616.6               | -295.3              | 209.2                         | 160.7                          | 48.47                     | 4.316         |
| 7,750.0                                                                                         | 7,663.2                      | 7,682.3                      | 7,663.2                      | 22.4                          | 27.5                 | 66.83                 | 616.6               | -295.3              | 197.3                         | 148.9                          | 48.42                     | 4.076         |
| 7,790.0                                                                                         | 7,696.7                      | 7,715.7                      | 7,696.7                      | 22.5                          | 27.6                 | 72.92                 | 616.6               | -295.3              | 188.6                         | 140.2                          | 48.31                     | 3.903         |
| 7,800.0                                                                                         | 7,704.8                      | 7,723.8                      | 7,704.8                      | 22.5                          | 27.6                 | 74.53                 | 616.6               | -295.3              | 186.6                         | 138.3                          | 48.27                     | 3.865         |
| 7,850.0                                                                                         | 7,743.8                      | 7,762.8                      | 7,743.8                      | 22.7                          | 27.8                 | 82.89                 | 616.6               | -295.3              | 178.9                         | 130.8                          | 48.05                     | 3.723         |
| 7,885.0                                                                                         | 7,769.4                      | 7,788.4                      | 7,769.4                      | 22.8                          | 27.9                 | 88.75                 | 616.6               | -295.3              | 176.6                         | 128.6                          | 47.92                     | 3.684         |
| 7,892.6                                                                                         | 7,774.8                      | 7,793.8                      | 7,774.8                      | 22.8                          | 27.9                 | 90.00                 | 616.6               | -295.3              | 176.5                         | 128.6                          | 47.91                     | 3.684 SF      |
| 7,900.0                                                                                         | 7,779.9                      | 7,798.9                      | 7,779.9                      | 22.8                          | 27.9                 | 91.18                 | 616.6               | -295.3              | 176.6                         | 128.7                          | 47.89                     | 3.686         |
| 7,950.0                                                                                         | 7,812.9                      | 7,831.9                      | 7,812.9                      | 22.9                          | 28.0                 | 98.64                 | 616.6               | -295.3              | 181.6                         | 133.7                          | 47.94                     | 3.788         |
| 7,980.0                                                                                         | 7,831.0                      | 7,850.1                      | 7,831.0                      | 22.9                          | 28.1                 | 102.46                | 616.6               | -295.3              | 188.7                         | 140.6                          | 48.10                     | 3.922         |
| 8,000.0                                                                                         | 7,842.4                      | 7,861.5                      | 7,842.4                      | 23.0                          | 28.1                 | 104.67                | 616.6               | -295.3              | 195.1                         | 146.8                          | 48.26                     | 4.043         |
| 8,050.0                                                                                         | 7,868.4                      | 7,887.4                      | 7,868.4                      | 23.1                          | 28.2                 | 108.94                | 616.6               | -295.3              | 216.8                         | 168.0                          | 48.75                     | 4.447         |
| 8,075.0                                                                                         | 7,879.9                      | 7,898.9                      | 7,879.9                      | 23.1                          | 28.2                 | 110.36                | 616.6               | -295.3              | 230.4                         | 181.3                          | 49.02                     | 4.700         |
| 8,100.0                                                                                         | 7,890.5                      | 7,909.5                      | 7,890.5                      | 23.1                          | 28.3                 | 111.29                | 616.6               | -295.3              | 245.5                         | 196.3                          | 49.28                     | 4.983         |
| 8,150.0                                                                                         | 7,908.6                      | 7,927.6                      | 7,908.6                      | 23.2                          | 28.3                 | 111.60                | 616.6               | -295.3              | 279.9                         | 230.2                          | 49.75                     | 5.627         |
| 8,170.0                                                                                         | 7,914.7                      | 7,933.7                      | 7,914.7                      | 23.2                          | 28.4                 | 111.11                | 616.6               | -295.3              | 295.0                         | 245.1                          | 49.91                     | 5.910         |
| 8,200.0                                                                                         | 7,922.6                      | 7,941.6                      | 7,922.6                      | 23.2                          | 28.4                 | 109.67                | 616.6               | -295.3              | 318.6                         | 268.5                          | 50.13                     | 6.356         |
| 8,250.0                                                                                         | 7,932.3                      | 7,951.4                      | 7,932.3                      | 23.2                          | 28.4                 | 105.17                | 616.6               | -295.3              | 360.5                         | 310.0                          | 50.43                     | 7.148         |
| 8,265.0                                                                                         | 7,934.4                      | 7,953.5                      | 7,934.4                      | 23.2                          | 28.4                 | 103.25                | 616.6               | -295.3              | 373.5                         | 323.0                          | 50.50                     | 7.396         |
| 8,300.0                                                                                         | 7,937.8                      | 7,956.8                      | 7,937.8                      | 23.2                          | 28.4                 | 97.69                 | 616.6               | -295.3              | 404.5                         | 353.9                          | 50.65                     | 7.987         |
| 8,336.0                                                                                         | 7,939.0                      | 7,958.0                      | 7,939.0                      | 23.2                          | 28.5                 | 90.35                 | 616.6               | -295.3              | 437.2                         | 386.4                          | 50.76                     | 8.612         |
| 8,360.0                                                                                         | 7,939.1                      | 7,958.1                      | 7,939.1                      | 23.2                          | 28.5                 | 90.37                 | 616.6               | -295.3              | 459.2                         | 408.4                          | 50.83                     | 9.035         |
| 8,400.0                                                                                         | 7,939.2                      | 7,958.2                      | 7,939.2                      | 23.2                          | 28.5                 | 90.40                 | 616.6               | -295.3              | 496.4                         | 445.5                          | 50.92                     | 9.749         |
| 8,455.0                                                                                         | 7,939.3                      | 7,958.4                      | 7,939.3                      | 23.2                          | 28.5                 | 90.45                 | 616.6               | -295.3              | 548.2                         | 497.1                          | 51.02                     | 10.743        |
| 8,500.0                                                                                         | 7,939.4                      | 7,958.5                      | 7,939.4                      | 23.2                          | 28.5                 | 90.49                 | 616.6               | -295.3              | 590.9                         | 539.8                          | 51.09                     | 11.566        |
| 8,550.0                                                                                         | 7,939.6                      | 7,958.6                      | 7,939.6                      | 23.2                          | 28.5                 | 90.53                 | 616.6               | -295.3              | 638.8                         | 587.7                          | 51.16                     | 12.488        |
| 8,600.0                                                                                         | 7,939.7                      | 7,958.7                      | 7,939.7                      | 23.2                          | 28.5                 | 90.58                 | 616.6               | -295.3              | 687.0                         | 635.8                          | 51.21                     | 13.416        |
| 8,645.0                                                                                         | 7,939.8                      | 7,958.9                      | 7,939.8                      | 23.2                          | 28.5                 | 90.62                 | 616.6               | -295.3              | 730.6                         | 679.4                          | 51.25                     | 14.256        |
| 8,700.0                                                                                         | 7,940.0                      | 7,959.0                      | 7,940.0                      | 23.2                          | 28.5                 | 90.67                 | 616.6               | -295.3              | 784.1                         | 732.8                          | 51.29                     | 15.286        |
| 8,740.0                                                                                         | 7,940.1                      | 7,959.1                      | 7,940.1                      | 23.2                          | 28.5                 | 90.70                 | 616.6               | -295.3              | 823.1                         | 771.8                          | 51.32                     | 16.038        |
| 8,800.0                                                                                         | 7,940.2                      | 7,959.3                      | 7,940.2                      | 23.2                          | 28.5                 | 90.75                 | 616.6               | -295.3              | 881.8                         | 830.5                          | 51.36                     | 17.169        |
| 8,835.0                                                                                         | 7,940.3                      | 7,959.4                      | 7,940.3                      | 23.3                          | 28.5                 | 90.78                 | 616.6               | -295.3              | 916.1                         | 864.7                          | 51.38                     | 17.830        |
| 8,900.0                                                                                         | 7,940.5                      | 7,959.5                      | 7,940.5                      | 23.3                          | 28.5                 | 90.84                 | 616.6               | -295.3              | 980.0                         | 928.6                          | 51.42                     | 19.060        |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #806H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 9428-MWD+IFR1+FDIR                                |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                                |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Rule Assigned: Distance |                         |                           |                   |                             |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                     |  |
| 0.0                                                                                      | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   |                         |                           |                   |                             |  |
| 95.0                                                                                     | 95.0                  | 95.0                  | 95.0                  | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.8                   | 6.00                      | 57.292            |                             |  |
| 100.0                                                                                    | 100.0                 | 100.0                 | 100.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.8                   | 6.00                      | 57.291            |                             |  |
| 190.0                                                                                    | 190.0                 | 190.0                 | 190.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.8                   | 6.01                      | 57.214            |                             |  |
| 200.0                                                                                    | 200.0                 | 200.0                 | 200.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.8                   | 6.01                      | 57.200            |                             |  |
| 285.0                                                                                    | 285.0                 | 285.0                 | 285.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.8                   | 6.03                      | 57.039            |                             |  |
| 300.0                                                                                    | 300.0                 | 300.0                 | 300.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.8                   | 6.03                      | 57.003            |                             |  |
| 380.0                                                                                    | 380.0                 | 380.0                 | 380.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.7                   | 6.06                      | 56.772            |                             |  |
| 400.0                                                                                    | 400.0                 | 400.0                 | 400.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.7                   | 6.06                      | 56.704            |                             |  |
| 475.0                                                                                    | 475.0                 | 475.0                 | 475.0                 | 3.0              | 3.0           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.7                   | 6.09                      | 56.416            |                             |  |
| 500.0                                                                                    | 500.0                 | 500.0                 | 500.0                 | 3.1              | 3.1           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.7                   | 6.11                      | 56.308            |                             |  |
| 570.0                                                                                    | 570.0                 | 570.0                 | 570.0                 | 3.1              | 3.1           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.6                   | 6.14                      | 55.976            |                             |  |
| 600.0                                                                                    | 600.0                 | 600.0                 | 600.0                 | 3.1              | 3.1           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.6                   | 6.16                      | 55.820            |                             |  |
| 665.0                                                                                    | 665.0                 | 665.0                 | 665.0                 | 3.1              | 3.1           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.6                   | 6.20                      | 55.457            |                             |  |
| 700.0                                                                                    | 700.0                 | 700.0                 | 700.0                 | 3.1              | 3.1           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.6                   | 6.22                      | 55.248            |                             |  |
| 760.0                                                                                    | 760.0                 | 760.0                 | 760.0                 | 3.1              | 3.1           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.5                   | 6.27                      | 54.868            |                             |  |
| 800.0                                                                                    | 800.0                 | 800.0                 | 800.0                 | 3.2              | 3.2           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.5                   | 6.30                      | 54.601            |                             |  |
| 855.0                                                                                    | 855.0                 | 855.0                 | 855.0                 | 3.2              | 3.2           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.4                   | 6.34                      | 54.215            |                             |  |
| 900.0                                                                                    | 900.0                 | 900.0                 | 900.0                 | 3.2              | 3.2           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.4                   | 6.38                      | 53.886            |                             |  |
| 950.0                                                                                    | 950.0                 | 950.0                 | 950.0                 | 3.2              | 3.2           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.4                   | 6.43                      | 53.506            |                             |  |
| 1,000.0                                                                                  | 1,000.0               | 1,000.0               | 1,000.0               | 3.2              | 3.2           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.3                   | 6.47                      | 53.112            |                             |  |
| 1,045.0                                                                                  | 1,045.0               | 1,045.0               | 1,045.0               | 3.3              | 3.3           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.3                   | 6.52                      | 52.747            |                             |  |
| 1,100.0                                                                                  | 1,100.0               | 1,100.0               | 1,100.0               | 3.3              | 3.3           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.2                   | 6.57                      | 52.289            |                             |  |
| 1,140.0                                                                                  | 1,140.0               | 1,140.0               | 1,140.0               | 3.3              | 3.3           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.2                   | 6.62                      | 51.948            |                             |  |
| 1,200.0                                                                                  | 1,200.0               | 1,200.0               | 1,200.0               | 3.4              | 3.4           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.1                   | 6.69                      | 51.426            |                             |  |
| 1,235.0                                                                                  | 1,235.0               | 1,235.0               | 1,235.0               | 3.4              | 3.4           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.1                   | 6.73                      | 51.116            |                             |  |
| 1,300.0                                                                                  | 1,300.0               | 1,300.0               | 1,300.0               | 3.4              | 3.4           | -11.74                | 336.6                  | -70.0        | 343.8                   | 337.0                   | 6.80                      | 50.530            |                             |  |
| 1,330.0                                                                                  | 1,330.0               | 1,330.0               | 1,330.0               | 3.4              | 3.4           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.9                   | 6.84                      | 50.256            |                             |  |
| 1,400.0                                                                                  | 1,400.0               | 1,400.0               | 1,400.0               | 3.5              | 3.5           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.9                   | 6.93                      | 49.610            |                             |  |
| 1,425.0                                                                                  | 1,425.0               | 1,425.0               | 1,425.0               | 3.5              | 3.5           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.8                   | 6.96                      | 49.376            |                             |  |
| 1,500.0                                                                                  | 1,500.0               | 1,500.0               | 1,500.0               | 3.5              | 3.5           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.7                   | 7.06                      | 48.672            |                             |  |
| 1,520.0                                                                                  | 1,520.0               | 1,520.0               | 1,520.0               | 3.6              | 3.6           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.7                   | 7.09                      | 48.483            |                             |  |
| 1,600.0                                                                                  | 1,600.0               | 1,600.0               | 1,600.0               | 3.6              | 3.6           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.6                   | 7.20                      | 47.723            |                             |  |
| 1,615.0                                                                                  | 1,615.0               | 1,615.0               | 1,615.0               | 3.6              | 3.6           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.6                   | 7.23                      | 47.580            |                             |  |
| 1,700.0                                                                                  | 1,700.0               | 1,700.0               | 1,700.0               | 3.7              | 3.7           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.4                   | 7.35                      | 46.769            |                             |  |
| 1,710.0                                                                                  | 1,710.0               | 1,710.0               | 1,710.0               | 3.7              | 3.7           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.4                   | 7.37                      | 46.674            |                             |  |
| 1,800.0                                                                                  | 1,800.0               | 1,800.0               | 1,800.0               | 3.8              | 3.8           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.3                   | 7.50                      | 45.815            |                             |  |
| 1,805.0                                                                                  | 1,805.0               | 1,805.0               | 1,805.0               | 3.8              | 3.8           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.3                   | 7.51                      | 45.768            |                             |  |
| 1,900.0                                                                                  | 1,900.0               | 1,900.0               | 1,900.0               | 3.9              | 3.9           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.1                   | 7.66                      | 44.866            |                             |  |
| 1,995.0                                                                                  | 1,995.0               | 1,995.0               | 1,995.0               | 3.9              | 3.9           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.0                   | 7.82                      | 43.971            |                             |  |
| 2,000.0                                                                                  | 2,000.0               | 2,000.0               | 2,000.0               | 3.9              | 3.9           | -11.74                | 336.6                  | -70.0        | 343.8                   | 336.0                   | 7.83                      | 43.925            |                             |  |
| 2,090.0                                                                                  | 2,090.0               | 2,090.0               | 2,090.0               | 4.1              | 4.0           | -3.27                 | 336.6                  | -70.0        | 342.4                   | 334.3                   | 8.09                      | 42.316            |                             |  |
| 2,100.0                                                                                  | 2,100.0               | 2,100.0               | 2,100.0               | 4.2              | 4.0           | -3.28                 | 336.6                  | -70.0        | 342.0                   | 333.9                   | 8.12                      | 42.121            |                             |  |
| 2,185.0                                                                                  | 2,184.9               | 2,184.9               | 2,184.9               | 4.7              | 4.1           | -3.32                 | 336.6                  | -70.0        | 337.8                   | 329.1                   | 8.72                      | 38.747            |                             |  |
| 2,200.0                                                                                  | 2,199.8               | 2,199.8               | 2,199.8               | 4.8              | 4.1           | -3.33                 | 336.6                  | -70.0        | 336.8                   | 328.0                   | 8.83                      | 38.148            |                             |  |
| 2,280.0                                                                                  | 2,279.6               | 2,279.6               | 2,279.6               | 5.3              | 4.2           | -3.41                 | 336.6                  | -70.0        | 330.1                   | 320.8                   | 9.35                      | 35.291            |                             |  |
| 2,300.0                                                                                  | 2,299.5               | 2,299.5               | 2,299.5               | 5.4              | 4.2           | -3.43                 | 336.6                  | -70.0        | 328.1                   | 318.6                   | 9.49                      | 34.577            |                             |  |
| 2,375.0                                                                                  | 2,373.9               | 2,373.9               | 2,373.9               | 5.9              | 4.3           | -3.54                 | 336.6                  | -70.0        | 319.3                   | 309.4                   | 9.96                      | 32.072            |                             |  |
| 2,400.0                                                                                  | 2,398.7               | 2,398.7               | 2,398.7               | 6.0              | 4.3           | -3.58                 | 336.6                  | -70.0        | 316.0                   | 305.8                   | 10.11                     | 31.238            |                             |  |
| 2,470.0                                                                                  | 2,467.9               | 2,467.9               | 2,467.9               | 6.4              | 4.4           | -3.72                 | 336.6                  | -70.0        | 305.4                   | 294.9                   | 10.53                     | 28.998            |                             |  |
| 2,500.0                                                                                  | 2,497.5               | 2,497.5               | 2,497.5               | 6.6              | 4.4           | -3.79                 | 336.6                  | -70.0        | 300.3                   | 289.6                   | 10.71                     | 28.039            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                     |                              |                     |                         |                      |                     |                               |                     |                               |                                |                          |                   |                |                           |          |
|-------------------------------------------------------------------------------------------------|---------------------|------------------------------|---------------------|-------------------------|----------------------|---------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|--------------------------|-------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #806H - OWB - PWP0 |                     |                              |                     |                         |                      |                     |                               |                     |                               |                                |                          |                   |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 9428-MWD+IFR1+FDIR                                |                     |                              |                     |                         |                      |                     |                               |                     |                               |                                |                          |                   |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                | <b>Vertical</b>     | <b>Offset</b>                | <b>Vertical</b>     | <b>Semi Major Axis</b>  | <b>Offset</b>        | <b>Highside</b>     | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum</b>           | <b>Separation</b> | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                    | <b>Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Toolface (°)</b> | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Separation (usft)</b> | <b>Factor</b>     |                |                           |          |
| 2,550.1                                                                                         | 2,546.7             | 2,544.4                      | 2,544.4             | 6.7                     | 4.4                  | -3.97               | 336.7                         | -70.3               | 291.4                         | 280.6                          | 10.85                    | 26.852            |                |                           |          |
| 2,565.0                                                                                         | 2,561.4             | 2,558.4                      | 2,558.4             | 6.7                     | 4.4                  | -4.05               | 336.8                         | -70.5               | 288.7                         | 277.8                          | 10.88                    | 26.533            |                |                           |          |
| 2,600.0                                                                                         | 2,595.7             | 2,591.1                      | 2,591.1             | 6.7                     | 4.5                  | -4.30               | 337.0                         | -71.3               | 282.5                         | 271.6                          | 10.95                    | 25.805            |                |                           |          |
| 2,660.0                                                                                         | 2,654.6             | 2,647.4                      | 2,647.3             | 6.8                     | 4.5                  | -4.90               | 337.8                         | -73.6               | 272.4                         | 261.3                          | 11.05                    | 24.650            |                |                           |          |
| 2,700.0                                                                                         | 2,693.9             | 2,685.0                      | 2,684.8             | 6.9                     | 4.5                  | -5.44               | 338.4                         | -75.6               | 265.9                         | 254.8                          | 11.11                    | 23.933            |                |                           |          |
| 2,755.0                                                                                         | 2,747.9             | 2,736.6                      | 2,736.4             | 7.0                     | 4.5                  | -6.37               | 339.6                         | -79.3               | 257.6                         | 246.4                          | 11.21                    | 22.989            |                |                           |          |
| 2,800.0                                                                                         | 2,792.0             | 2,778.9                      | 2,778.5             | 7.1                     | 4.6                  | -7.31               | 340.8                         | -82.9               | 251.3                         | 240.0                          | 11.28                    | 22.283            |                |                           |          |
| 2,850.0                                                                                         | 2,841.1             | 2,825.9                      | 2,825.2             | 7.1                     | 4.6                  | -8.56               | 342.3                         | -87.6               | 244.8                         | 233.4                          | 11.36                    | 21.555            |                |                           |          |
| 2,900.0                                                                                         | 2,890.2             | 2,872.8                      | 2,871.7             | 7.2                     | 4.6                  | -10.01              | 344.0                         | -93.0               | 238.9                         | 227.4                          | 11.42                    | 20.909            |                |                           |          |
| 2,945.0                                                                                         | 2,934.4             | 2,915.7                      | 2,914.3             | 7.3                     | 4.6                  | -11.51              | 345.8                         | -98.6               | 234.1                         | 222.6                          | 11.48                    | 20.386            |                |                           |          |
| 3,000.0                                                                                         | 2,988.4             | 2,969.8                      | 2,967.8             | 7.4                     | 4.7                  | -13.53              | 348.1                         | -105.7              | 228.6                         | 217.1                          | 11.55                    | 19.796            |                |                           |          |
| 3,040.0                                                                                         | 3,027.6             | 3,009.2                      | 3,006.8             | 7.5                     | 4.7                  | -15.05              | 349.8                         | -110.9              | 224.9                         | 213.3                          | 11.60                    | 19.387            |                |                           |          |
| 3,100.0                                                                                         | 3,086.5             | 3,068.2                      | 3,065.3             | 7.7                     | 4.7                  | -17.43              | 352.3                         | -118.8              | 219.5                         | 207.8                          | 11.66                    | 18.817            |                |                           |          |
| 3,135.0                                                                                         | 3,120.9             | 3,102.6                      | 3,099.4             | 7.7                     | 4.8                  | -18.87              | 353.8                         | -123.3              | 216.5                         | 204.8                          | 11.70                    | 18.503            |                |                           |          |
| 3,200.0                                                                                         | 3,184.7             | 3,166.6                      | 3,162.7             | 7.9                     | 4.8                  | -21.64              | 356.5                         | -131.8              | 211.5                         | 199.7                          | 11.77                    | 17.969            |                |                           |          |
| 3,230.0                                                                                         | 3,214.1             | 3,196.1                      | 3,191.9             | 8.0                     | 4.8                  | -22.96              | 357.8                         | -135.7              | 209.3                         | 197.5                          | 11.80                    | 17.740            |                |                           |          |
| 3,300.0                                                                                         | 3,282.8             | 3,265.0                      | 3,260.1             | 8.1                     | 4.9                  | -26.15              | 360.7                         | -144.8              | 204.7                         | 192.8                          | 11.86                    | 17.259            |                |                           |          |
| 3,325.0                                                                                         | 3,307.4             | 3,289.6                      | 3,284.5             | 8.2                     | 4.9                  | -27.32              | 361.8                         | -148.1              | 203.2                         | 191.3                          | 11.88                    | 17.102            |                |                           |          |
| 3,400.0                                                                                         | 3,381.0             | 3,363.4                      | 3,357.6             | 8.4                     | 4.9                  | -30.93              | 364.9                         | -157.9              | 199.3                         | 187.3                          | 11.94                    | 16.686            |                |                           |          |
| 3,420.0                                                                                         | 3,400.6             | 3,383.0                      | 3,377.0             | 8.4                     | 4.9                  | -31.91              | 365.8                         | -160.5              | 198.4                         | 186.4                          | 11.96                    | 16.586            |                |                           |          |
| 3,500.0                                                                                         | 3,479.2             | 3,461.7                      | 3,455.0             | 8.7                     | 5.0                  | -35.92              | 369.2                         | -170.9              | 195.4                         | 183.3                          | 12.03                    | 16.246            |                |                           |          |
| 3,515.0                                                                                         | 3,493.9             | 3,476.5                      | 3,469.6             | 8.7                     | 5.0                  | -36.69              | 369.8                         | -172.8              | 194.9                         | 182.9                          | 12.04                    | 16.190            |                |                           |          |
| 3,600.0                                                                                         | 3,577.3             | 3,560.1                      | 3,552.4             | 8.9                     | 5.1                  | -41.08              | 373.4                         | -183.9              | 193.0                         | 180.9                          | 12.12                    | 15.930            |                |                           |          |
| 3,610.0                                                                                         | 3,587.1             | 3,570.0                      | 3,562.2             | 9.0                     | 5.1                  | -41.60              | 373.8                         | -185.2              | 192.9                         | 180.8                          | 12.13                    | 15.905            |                |                           |          |
| 3,690.7                                                                                         | 3,666.4             | 3,649.4                      | 3,640.8             | 9.2                     | 5.1                  | -45.82              | 377.2                         | -195.7              | 192.4                         | 180.1                          | 12.22                    | 15.741 CC         |                |                           |          |
| 3,700.0                                                                                         | 3,675.5             | 3,658.5                      | 3,649.8             | 9.2                     | 5.2                  | -46.31              | 377.6                         | -197.0              | 192.4                         | 180.1                          | 12.23                    | 15.726 ES         |                |                           |          |
| 3,705.0                                                                                         | 3,680.4             | 3,663.4                      | 3,654.7             | 9.2                     | 5.2                  | -46.57              | 377.8                         | -197.6              | 192.4                         | 180.1                          | 12.24                    | 15.719            |                |                           |          |
| 3,800.0                                                                                         | 3,773.7             | 3,756.9                      | 3,747.3             | 9.5                     | 5.2                  | -51.53              | 381.8                         | -210.0              | 193.4                         | 181.0                          | 12.38                    | 15.619            |                |                           |          |
| 3,895.0                                                                                         | 3,866.9             | 3,850.4                      | 3,839.8             | 9.8                     | 5.3                  | -56.41              | 385.8                         | -222.4              | 195.8                         | 183.2                          | 12.56                    | 15.592 SF         |                |                           |          |
| 3,900.0                                                                                         | 3,871.8             | 3,855.3                      | 3,844.7             | 9.8                     | 5.3                  | -56.67              | 386.0                         | -223.0              | 196.0                         | 183.4                          | 12.57                    | 15.592            |                |                           |          |
| 3,990.0                                                                                         | 3,960.2             | 3,943.8                      | 3,932.4             | 10.1                    | 5.4                  | -61.14              | 389.7                         | -234.7              | 199.7                         | 186.9                          | 12.78                    | 15.626            |                |                           |          |
| 4,000.0                                                                                         | 3,970.0             | 3,953.7                      | 3,942.1             | 10.1                    | 5.4                  | -61.63              | 390.2                         | -236.0              | 200.2                         | 187.4                          | 12.80                    | 15.632            |                |                           |          |
| 4,085.0                                                                                         | 4,053.4             | 4,037.3                      | 4,024.9             | 10.3                    | 5.5                  | -65.66              | 393.7                         | -247.1              | 204.9                         | 191.9                          | 13.04                    | 15.711            |                |                           |          |
| 4,100.0                                                                                         | 4,068.1             | 4,052.1                      | 4,039.6             | 10.4                    | 5.5                  | -66.36              | 394.4                         | -249.1              | 205.8                         | 192.7                          | 13.09                    | 15.728            |                |                           |          |
| 4,180.0                                                                                         | 4,146.7             | 4,130.8                      | 4,117.5             | 10.6                    | 5.6                  | -69.94              | 397.7                         | -259.5              | 211.4                         | 198.0                          | 13.34                    | 15.839            |                |                           |          |
| 4,200.0                                                                                         | 4,166.3             | 4,150.5                      | 4,137.0             | 10.7                    | 5.6                  | -70.81              | 398.6                         | -262.1              | 212.9                         | 199.4                          | 13.41                    | 15.872            |                |                           |          |
| 4,275.0                                                                                         | 4,239.9             | 4,224.2                      | 4,210.1             | 10.9                    | 5.6                  | -73.96              | 401.7                         | -271.9              | 218.9                         | 205.3                          | 13.68                    | 16.006            |                |                           |          |
| 4,300.0                                                                                         | 4,264.5             | 4,248.8                      | 4,234.4             | 11.0                    | 5.7                  | -74.97              | 402.8                         | -275.1              | 221.1                         | 207.3                          | 13.77                    | 16.055            |                |                           |          |
| 4,370.0                                                                                         | 4,333.2             | 4,317.7                      | 4,302.6             | 11.2                    | 5.7                  | -77.69              | 405.7                         | -284.3              | 227.5                         | 213.5                          | 14.04                    | 16.204            |                |                           |          |
| 4,400.0                                                                                         | 4,362.6             | 4,347.2                      | 4,331.8             | 11.3                    | 5.8                  | -78.81              | 407.0                         | -288.2              | 230.5                         | 216.3                          | 14.16                    | 16.273            |                |                           |          |
| 4,465.0                                                                                         | 4,426.4             | 4,411.2                      | 4,395.2             | 11.5                    | 5.8                  | -81.14              | 409.7                         | -296.6              | 237.1                         | 222.6                          | 14.43                    | 16.430            |                |                           |          |
| 4,500.0                                                                                         | 4,460.8             | 4,445.6                      | 4,429.3             | 11.6                    | 5.8                  | -82.35              | 411.2                         | -301.2              | 240.8                         | 226.2                          | 14.58                    | 16.519            |                |                           |          |
| 4,560.0                                                                                         | 4,519.7             | 4,504.6                      | 4,487.7             | 11.8                    | 5.9                  | -84.33              | 413.7                         | -309.0              | 247.4                         | 232.5                          | 14.83                    | 16.679            |                |                           |          |
| 4,600.0                                                                                         | 4,559.0             | 4,544.0                      | 4,526.7             | 12.0                    | 5.9                  | -85.59              | 415.4                         | -314.2              | 251.9                         | 236.9                          | 15.01                    | 16.789            |                |                           |          |
| 4,655.0                                                                                         | 4,612.9             | 4,598.1                      | 4,580.3             | 12.1                    | 6.0                  | -87.25              | 417.7                         | -321.4              | 258.4                         | 243.2                          | 15.25                    | 16.946            |                |                           |          |
| 4,700.0                                                                                         | 4,657.1             | 4,642.4                      | 4,624.1             | 12.3                    | 6.0                  | -88.55              | 419.6                         | -327.3              | 263.9                         | 248.4                          | 15.45                    | 17.078            |                |                           |          |
| 4,750.0                                                                                         | 4,706.2             | 4,691.6                      | 4,672.8             | 12.5                    | 6.1                  | -89.93              | 421.7                         | -333.8              | 270.1                         | 254.4                          | 15.67                    | 17.229            |                |                           |          |
| 4,800.0                                                                                         | 4,755.3             | 4,740.8                      | 4,721.6             | 12.6                    | 6.1                  | -91.25              | 423.8                         | -340.3              | 276.4                         | 260.5                          | 15.90                    | 17.382            |                |                           |          |
| 4,845.0                                                                                         | 4,799.4             | 4,785.0                      | 4,765.4             | 12.8                    | 6.2                  | -92.39              | 425.7                         | -346.1              | 282.2                         | 266.1                          | 16.11                    | 17.522            |                |                           |          |
| 4,900.0                                                                                         | 4,853.4             | 4,839.2                      | 4,819.0             | 13.0                    | 6.2                  | -93.72              | 428.0                         | -353.3              | 289.5                         | 273.2                          | 16.36                    | 17.696            |                |                           |          |
| 4,940.0                                                                                         | 4,892.7             | 4,878.5                      | 4,858.0             | 13.1                    | 6.3                  | -94.65              | 429.7                         | -358.5              | 294.9                         | 278.4                          | 16.55                    | 17.824            |                |                           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #806H - OWB - PWP0 |                       |                                           |                       |                  |               |                       |              |                |                        |                          |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|-----------------------|------------------|---------------|-----------------------|--------------|----------------|------------------------|--------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: Reference                                                                |                       | 0-Standard Keeper 104, 9428-MWD+IFR1+FDIR |                       |                  |               |                       |              | Rule Assigned: |                        |                          |                           |                   | Offset Well Error: 3.0 usft |  |
| Measured Depth (usft)                                                                    | Vertical Depth (usft) | Measured Depth (usft)                     | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft)   | Between Centres (usft) | Distance Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                     |  |
| 5,000.0                                                                                  | 4,951.6               | 4,937.5                                   | 4,916.4               | 13.3             | 6.3           | -95.97                | 432.2        | -366.3         | 303.1                  | 286.3                    | 16.82                     | 18.018            |                             |  |
| 5,035.0                                                                                  | 4,986.0               | 4,972.0                                   | 4,950.5               | 13.4             | 6.4           | -96.72                | 433.7        | -370.9         | 308.0                  | 291.0                    | 16.99                     | 18.131            |                             |  |
| 5,100.0                                                                                  | 5,049.8               | 5,035.9                                   | 5,013.8               | 13.6             | 6.4           | -98.03                | 436.4        | -379.4         | 317.2                  | 299.9                    | 17.29                     | 18.343            |                             |  |
| 5,130.0                                                                                  | 5,079.2               | 5,065.4                                   | 5,043.1               | 13.7             | 6.5           | -98.62                | 437.7        | -383.3         | 321.4                  | 304.0                    | 17.43                     | 18.441            |                             |  |
| 5,200.0                                                                                  | 5,147.9               | 5,134.3                                   | 5,111.3               | 14.0             | 6.5           | -99.92                | 440.6        | -392.4         | 331.6                  | 313.8                    | 17.76                     | 18.670            |                             |  |
| 5,225.0                                                                                  | 5,172.5               | 5,158.9                                   | 5,135.6               | 14.1             | 6.6           | -100.36               | 441.7        | -395.7         | 335.2                  | 317.3                    | 17.88                     | 18.751            |                             |  |
| 5,300.0                                                                                  | 5,246.1               | 5,232.7                                   | 5,208.7               | 14.3             | 6.6           | -101.65               | 444.8        | -405.4         | 346.3                  | 328.1                    | 18.23                     | 18.996            |                             |  |
| 5,320.0                                                                                  | 5,265.7               | 5,252.4                                   | 5,228.2               | 14.4             | 6.7           | -101.97               | 445.7        | -408.0         | 349.3                  | 330.9                    | 18.32                     | 19.061            |                             |  |
| 5,400.0                                                                                  | 5,344.2               | 5,331.1                                   | 5,306.1               | 14.7             | 6.8           | -103.23               | 449.0        | -418.5         | 361.3                  | 342.6                    | 18.70                     | 19.319            |                             |  |
| 5,415.0                                                                                  | 5,359.0               | 5,345.8                                   | 5,320.7               | 14.7             | 6.8           | -103.46               | 449.6        | -420.4         | 363.6                  | 344.8                    | 18.77                     | 19.368            |                             |  |
| 5,500.0                                                                                  | 5,442.4               | 5,429.5                                   | 5,403.6               | 15.0             | 6.9           | -104.69               | 453.2        | -431.5         | 376.6                  | 357.4                    | 19.17                     | 19.639            |                             |  |
| 5,510.0                                                                                  | 5,452.2               | 5,439.3                                   | 5,413.3               | 15.0             | 6.9           | -104.83               | 453.6        | -432.8         | 378.1                  | 358.9                    | 19.22                     | 19.671            |                             |  |
| 5,600.0                                                                                  | 5,540.6               | 5,527.9                                   | 5,501.0               | 15.4             | 7.0           | -106.04               | 457.4        | -444.5         | 392.1                  | 372.4                    | 19.65                     | 19.954            |                             |  |
| 5,605.0                                                                                  | 5,545.5               | 5,532.8                                   | 5,505.9               | 15.4             | 7.0           | -106.10               | 457.6        | -445.2         | 392.8                  | 373.2                    | 19.67                     | 19.969            |                             |  |
| 5,700.0                                                                                  | 5,638.7               | 5,626.2                                   | 5,598.4               | 15.7             | 7.1           | -107.28               | 461.6        | -457.6         | 407.7                  | 387.6                    | 20.12                     | 20.263            |                             |  |
| 5,795.0                                                                                  | 5,732.0               | 5,719.7                                   | 5,691.0               | 16.0             | 7.2           | -108.38               | 465.6        | -469.9         | 422.8                  | 402.2                    | 20.57                     | 20.550            |                             |  |
| 5,800.0                                                                                  | 5,736.9               | 5,724.6                                   | 5,695.8               | 16.1             | 7.2           | -108.44               | 465.8        | -470.6         | 423.6                  | 403.0                    | 20.60                     | 20.565            |                             |  |
| 5,889.3                                                                                  | 5,824.6               | 5,812.5                                   | 5,782.9               | 16.4             | 7.3           | -109.39               | 469.6        | -482.2         | 437.9                  | 416.9                    | 21.02                     | 20.833            |                             |  |
| 5,890.0                                                                                  | 5,825.2               | 5,813.2                                   | 5,783.5               | 16.4             | 7.3           | -109.40               | 469.6        | -482.3         | 438.0                  | 417.0                    | 21.02                     | 20.835            |                             |  |
| 5,900.0                                                                                  | 5,835.1               | 5,823.0                                   | 5,793.3               | 16.4             | 7.3           | -109.52               | 470.0        | -483.6         | 439.6                  | 418.6                    | 21.07                     | 20.865            |                             |  |
| 5,985.0                                                                                  | 5,918.6               | 5,906.7                                   | 5,876.2               | 16.7             | 7.4           | -110.40               | 473.6        | -494.7         | 453.1                  | 431.6                    | 21.46                     | 21.112            |                             |  |
| 6,000.0                                                                                  | 5,933.4               | 5,921.5                                   | 5,890.8               | 16.7             | 7.4           | -110.54               | 474.2        | -496.7         | 455.4                  | 433.9                    | 21.53                     | 21.153            |                             |  |
| 6,080.0                                                                                  | 6,012.3               | 6,000.5                                   | 5,969.0               | 17.0             | 7.5           | -111.16               | 477.6        | -507.1         | 467.7                  | 445.8                    | 21.90                     | 21.352            |                             |  |
| 6,100.0                                                                                  | 6,032.1               | 6,020.2                                   | 5,988.6               | 17.1             | 7.5           | -111.30               | 478.5        | -509.7         | 470.7                  | 448.7                    | 22.00                     | 21.398            |                             |  |
| 6,175.0                                                                                  | 6,106.2               | 6,094.4                                   | 6,062.0               | 17.3             | 7.6           | -111.71               | 481.6        | -519.6         | 481.7                  | 459.4                    | 22.34                     | 21.563            |                             |  |
| 6,200.0                                                                                  | 6,131.0               | 6,119.1                                   | 6,086.5               | 17.4             | 7.6           | -111.81               | 482.7        | -522.8         | 485.3                  | 462.9                    | 22.46                     | 21.613            |                             |  |
| 6,270.0                                                                                  | 6,200.4               | 6,188.4                                   | 6,155.1               | 17.7             | 7.7           | -112.05               | 485.6        | -532.0         | 495.2                  | 472.5                    | 22.77                     | 21.745            |                             |  |
| 6,300.0                                                                                  | 6,230.2               | 6,218.1                                   | 6,184.5               | 17.8             | 7.7           | -112.12               | 486.9        | -535.9         | 499.4                  | 476.5                    | 22.91                     | 21.797            |                             |  |
| 6,365.0                                                                                  | 6,294.7               | 6,282.5                                   | 6,248.3               | 18.0             | 7.8           | -112.21               | 489.7        | -544.5         | 508.2                  | 485.0                    | 23.20                     | 21.900            |                             |  |
| 6,400.0                                                                                  | 6,329.5               | 6,317.2                                   | 6,282.7               | 18.1             | 7.9           | -112.22               | 491.1        | -549.1         | 512.8                  | 489.4                    | 23.36                     | 21.950            |                             |  |
| 6,460.0                                                                                  | 6,389.3               | 6,376.7                                   | 6,341.6               | 18.3             | 7.9           | -112.20               | 493.7        | -557.0         | 520.5                  | 496.9                    | 23.63                     | 22.029            |                             |  |
| 6,500.0                                                                                  | 6,429.1               | 6,416.4                                   | 6,380.9               | 18.5             | 8.0           | -112.14               | 495.4        | -562.2         | 525.5                  | 501.7                    | 23.81                     | 22.075            |                             |  |
| 6,555.0                                                                                  | 6,483.9               | 6,470.9                                   | 6,434.9               | 18.6             | 8.0           | -112.03               | 497.7        | -569.4         | 532.2                  | 508.2                    | 24.05                     | 22.132            |                             |  |
| 6,600.0                                                                                  | 6,528.8               | 6,515.6                                   | 6,479.1               | 18.8             | 8.1           | -111.90               | 499.6        | -575.3         | 537.6                  | 513.4                    | 24.25                     | 22.173            |                             |  |
| 6,650.0                                                                                  | 6,578.7               | 6,565.2                                   | 6,528.2               | 19.0             | 8.2           | -111.71               | 501.7        | -581.9         | 543.4                  | 519.0                    | 24.46                     | 22.213            |                             |  |
| 6,700.0                                                                                  | 6,628.6               | 6,614.8                                   | 6,577.4               | 19.1             | 8.2           | -111.49               | 503.9        | -588.5         | 549.1                  | 524.4                    | 24.68                     | 22.246            |                             |  |
| 6,745.0                                                                                  | 6,673.6               | 6,659.4                                   | 6,621.6               | 19.3             | 8.3           | -111.26               | 505.8        | -594.4         | 554.1                  | 529.2                    | 24.88                     | 22.272            |                             |  |
| 6,800.0                                                                                  | 6,728.5               | 6,714.0                                   | 6,675.6               | 19.5             | 8.3           | -110.93               | 508.1        | -601.6         | 560.0                  | 534.9                    | 25.12                     | 22.297            |                             |  |
| 6,840.0                                                                                  | 6,768.5               | 6,753.7                                   | 6,714.9               | 19.6             | 8.4           | -110.67               | 509.8        | -606.9         | 564.2                  | 538.9                    | 25.29                     | 22.311            |                             |  |
| 6,900.0                                                                                  | 6,828.5               | 6,813.1                                   | 6,773.8               | 19.8             | 8.4           | -110.23               | 512.3        | -614.8         | 570.4                  | 544.8                    | 25.55                     | 22.327            |                             |  |
| 6,935.0                                                                                  | 6,863.5               | 6,847.8                                   | 6,808.1               | 19.9             | 8.5           | -109.95               | 513.8        | -619.3         | 573.9                  | 548.2                    | 25.70                     | 22.335            |                             |  |
| 6,989.5                                                                                  | 6,918.0               | 6,901.8                                   | 6,861.6               | 20.1             | 8.6           | -117.97               | 516.1        | -626.5         | 579.3                  | 553.4                    | 25.93                     | 22.342            |                             |  |
| 7,000.0                                                                                  | 6,928.5               | 6,912.2                                   | 6,871.9               | 20.1             | 8.6           | -117.86               | 516.6        | -627.9         | 580.3                  | 554.3                    | 25.97                     | 22.344            |                             |  |
| 7,030.0                                                                                  | 6,958.5               | 6,941.9                                   | 6,901.3               | 20.2             | 8.6           | -117.57               | 517.8        | -631.8         | 583.2                  | 557.1                    | 26.10                     | 22.349            |                             |  |
| 7,100.0                                                                                  | 7,028.5               | 7,011.2                                   | 6,969.9               | 20.4             | 8.7           | -116.90               | 520.8        | -641.0         | 590.2                  | 563.8                    | 26.39                     | 22.361            |                             |  |
| 7,125.0                                                                                  | 7,053.5               | 7,036.0                                   | 6,994.4               | 20.5             | 8.7           | -116.67               | 521.9        | -644.3         | 592.6                  | 566.1                    | 26.50                     | 22.363            |                             |  |
| 7,200.0                                                                                  | 7,128.5               | 7,110.3                                   | 7,068.0               | 20.7             | 8.8           | -115.97               | 525.0        | -654.1         | 600.2                  | 573.3                    | 26.83                     | 22.370            |                             |  |
| 7,220.0                                                                                  | 7,148.5               | 7,130.1                                   | 7,087.6               | 20.8             | 8.8           | -115.79               | 525.9        | -656.7         | 602.2                  | 575.3                    | 26.92                     | 22.372            |                             |  |
| 7,300.0                                                                                  | 7,228.5               | 7,209.3                                   | 7,166.1               | 21.1             | 8.9           | -115.07               | 529.3        | -667.2         | 610.3                  | 583.0                    | 27.27                     | 22.382            |                             |  |
| 7,315.0                                                                                  | 7,243.5               | 7,224.1                                   | 7,180.8               | 21.1             | 9.0           | -114.94               | 529.9        | -669.2         | 611.9                  | 584.5                    | 27.34                     | 22.383            |                             |  |
| 7,400.0                                                                                  | 7,328.5               | 7,308.3                                   | 7,264.1               | 21.4             | 9.1           | -114.20               | 533.5        | -680.3         | 620.6                  | 592.9                    | 27.71                     | 22.395            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                 |                       |                        |                       |                  |               |                          |                               |                 |                        |                         |                           |                          |
|-------------------------------------------------------------------------------------------------|-----------------------|------------------------|-----------------------|------------------|---------------|--------------------------|-------------------------------|-----------------|------------------------|-------------------------|---------------------------|--------------------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - *FLAMING SNAIL FED COM #806H - OWB - PWP0 |                       |                        |                       |                  |               |                          |                               |                 |                        |                         | <b>Offset Site Error:</b> | 0.0 usft                 |
| <b>Survey Program:</b> 0-Standard Keeper 104, 9428-MWD+IFR1+FDIR                                |                       |                        |                       |                  |               |                          |                               |                 |                        |                         | <b>Offset Well Error:</b> | 3.0 usft                 |
| <b>Reference</b>                                                                                | <b>Offset</b>         | <b>Semi Major Axis</b> | <b>Rule Assigned:</b> |                  |               |                          |                               |                 |                        |                         |                           |                          |
| <b>Measured Depth</b>                                                                           | <b>Vertical Depth</b> | <b>Measured Depth</b>  | <b>Vertical Depth</b> | <b>Reference</b> | <b>Offset</b> | <b>Highside Toolface</b> | <b>Offset Wellbore Centre</b> | <b>Distance</b> | <b>Between Centres</b> | <b>Between Ellipses</b> | <b>Minimum Separation</b> | <b>Separation Factor</b> |
| (usft)                                                                                          | (usft)                | (usft)                 | (usft)                | (usft)           | (usft)        | (°)                      | +N/-S (usft)                  | +E/-W (usft)    | (usft)                 | (usft)                  | (usft)                    |                          |
| 7,410.0                                                                                         | 7,338.5               | 7,318.2                | 7,273.9               | 21.4             | 9.1           | -114.11                  | 533.9                         | -681.6          | 621.7                  | 593.9                   | 27.74                     | 22.412                   |
| 7,437.5                                                                                         | 7,366.0               | 7,345.5                | 7,300.9               | 21.5             | 9.1           | -113.88                  | 535.1                         | -685.3          | 624.5                  | 596.7                   | 27.81                     | 22.460                   |
| 7,450.0                                                                                         | 7,378.5               | 7,357.8                | 7,313.1               | 21.5             | 9.1           | 65.63                    | 535.6                         | -686.9          | 625.8                  | 598.0                   | 27.82                     | 22.494                   |
| 7,500.0                                                                                         | 7,428.4               | 7,407.1                | 7,361.9               | 21.5             | 9.2           | 65.95                    | 537.7                         | -693.4          | 629.7                  | 601.8                   | 27.89                     | 22.581                   |
| 7,505.0                                                                                         | 7,433.4               | 7,412.0                | 7,366.8               | 21.6             | 9.2           | 66.01                    | 537.9                         | -694.1          | 630.0                  | 602.1                   | 27.90                     | 22.584                   |
| 7,550.0                                                                                         | 7,477.8               | 7,455.7                | 7,410.1               | 21.7             | 9.2           | 66.75                    | 539.8                         | -699.9          | 632.0                  | 604.0                   | 27.97                     | 22.595                   |
| 7,600.0                                                                                         | 7,526.3               | 7,503.3                | 7,457.2               | 21.9             | 9.3           | 67.99                    | 541.8                         | -706.2          | 632.8                  | 604.8                   | 28.04                     | 22.568                   |
| 7,650.0                                                                                         | 7,573.7               | 7,549.5                | 7,502.9               | 22.1             | 9.4           | 69.61                    | 543.8                         | -712.3          | 632.5                  | 604.4                   | 28.10                     | 22.510                   |
| 7,695.0                                                                                         | 7,614.9               | 7,589.6                | 7,542.7               | 22.2             | 9.4           | 71.35                    | 545.5                         | -717.6          | 631.6                  | 603.4                   | 28.14                     | 22.440                   |
| 7,700.0                                                                                         | 7,619.4               | 7,593.9                | 7,547.0               | 22.2             | 9.4           | 71.55                    | 545.7                         | -718.2          | 631.4                  | 603.3                   | 28.15                     | 22.432                   |
| 7,750.0                                                                                         | 7,663.2               | 7,636.3                | 7,589.0               | 22.4             | 9.5           | 73.74                    | 547.5                         | -723.8          | 629.9                  | 601.7                   | 28.19                     | 22.347                   |
| 7,790.0                                                                                         | 7,696.7               | 7,668.6                | 7,620.9               | 22.5             | 9.5           | 75.59                    | 548.9                         | -728.0          | 628.7                  | 600.5                   | 28.21                     | 22.282                   |
| 7,800.0                                                                                         | 7,704.8               | 7,676.3                | 7,628.6               | 22.5             | 9.5           | 76.06                    | 549.2                         | -729.1          | 628.4                  | 600.2                   | 28.22                     | 22.267                   |
| 7,850.0                                                                                         | 7,743.8               | 7,713.7                | 7,665.5               | 22.7             | 9.6           | 78.42                    | 550.8                         | -734.0          | 627.5                  | 599.2                   | 28.26                     | 22.205                   |
| 7,871.6                                                                                         | 7,759.7               | 7,728.8                | 7,680.5               | 22.7             | 9.6           | 79.41                    | 551.5                         | -736.0          | 627.3                  | 599.1                   | 28.28                     | 22.186                   |
| 7,885.0                                                                                         | 7,769.4               | 7,738.0                | 7,689.6               | 22.8             | 9.6           | 80.02                    | 551.8                         | -737.2          | 627.4                  | 599.1                   | 28.29                     | 22.178                   |
| 7,900.0                                                                                         | 7,779.9               | 7,748.0                | 7,699.5               | 22.8             | 9.6           | 80.68                    | 552.3                         | -738.6          | 627.6                  | 599.3                   | 28.30                     | 22.172                   |
| 7,950.0                                                                                         | 7,812.9               | 7,779.0                | 7,730.3               | 22.9             | 9.6           | 82.74                    | 553.6                         | -742.7          | 629.2                  | 600.9                   | 28.37                     | 22.181                   |
| 7,980.0                                                                                         | 7,831.0               | 7,796.0                | 7,747.1               | 22.9             | 9.7           | 83.82                    | 554.3                         | -744.9          | 631.2                  | 602.8                   | 28.42                     | 22.210                   |
| 8,000.0                                                                                         | 7,842.4               | 7,806.6                | 7,757.6               | 23.0             | 9.7           | 84.46                    | 554.8                         | -746.3          | 633.0                  | 604.5                   | 28.46                     | 22.242                   |
| 8,050.0                                                                                         | 7,868.4               | 7,830.5                | 7,781.3               | 23.1             | 9.7           | 85.74                    | 555.8                         | -749.5          | 639.1                  | 610.5                   | 28.58                     | 22.362                   |
| 8,075.0                                                                                         | 7,879.9               | 7,841.1                | 7,791.7               | 23.1             | 9.7           | 86.19                    | 556.2                         | -750.9          | 643.2                  | 614.5                   | 28.65                     | 22.447                   |
| 8,100.0                                                                                         | 7,890.5               | 7,850.6                | 7,801.1               | 23.1             | 9.7           | 86.50                    | 556.7                         | -752.2          | 648.0                  | 619.2                   | 28.73                     | 22.550                   |
| 8,150.0                                                                                         | 7,908.6               | 7,866.6                | 7,817.0               | 23.2             | 9.8           | 86.64                    | 557.3                         | -754.3          | 659.8                  | 630.9                   | 28.92                     | 22.812                   |
| 8,170.0                                                                                         | 7,914.7               | 7,871.8                | 7,822.2               | 23.2             | 9.8           | 86.52                    | 557.6                         | -755.0          | 665.3                  | 636.3                   | 29.01                     | 22.937                   |
| 8,200.0                                                                                         | 7,922.6               | 7,878.4                | 7,828.7               | 23.2             | 9.8           | 86.13                    | 557.8                         | -755.8          | 674.5                  | 645.4                   | 29.14                     | 23.150                   |
| 8,250.0                                                                                         | 7,932.3               | 7,886.1                | 7,836.3               | 23.2             | 9.8           | 84.92                    | 558.2                         | -756.9          | 692.2                  | 662.8                   | 29.37                     | 23.565                   |
| 8,265.0                                                                                         | 7,934.4               | 7,887.5                | 7,837.7               | 23.2             | 9.8           | 84.42                    | 558.2                         | -757.0          | 698.0                  | 668.6                   | 29.45                     | 23.705                   |
| 8,300.0                                                                                         | 7,937.8               | 7,889.4                | 7,839.5               | 23.2             | 9.8           | 83.01                    | 558.3                         | -757.3          | 712.5                  | 682.9                   | 29.62                     | 24.057                   |
| 8,336.0                                                                                         | 7,939.0               | 7,889.1                | 7,839.3               | 23.2             | 9.8           | 81.19                    | 558.3                         | -757.3          | 728.7                  | 698.9                   | 29.79                     | 24.456                   |
| 8,360.0                                                                                         | 7,939.1               | 7,888.2                | 7,838.3               | 23.2             | 9.8           | 81.11                    | 558.3                         | -757.1          | 740.1                  | 710.2                   | 29.91                     | 24.742                   |
| 8,400.0                                                                                         | 7,939.2               | 7,886.6                | 7,836.8               | 23.2             | 9.8           | 80.97                    | 558.2                         | -756.9          | 760.5                  | 730.4                   | 30.10                     | 25.261                   |
| 8,455.0                                                                                         | 7,939.3               | 7,884.5                | 7,834.7               | 23.2             | 9.8           | 80.78                    | 558.1                         | -756.6          | 790.9                  | 760.5                   | 30.36                     | 26.047                   |
| 8,500.0                                                                                         | 7,939.4               | 7,882.7                | 7,832.9               | 23.2             | 9.8           | 80.63                    | 558.0                         | -756.4          | 817.7                  | 787.2                   | 30.56                     | 26.756                   |
| 8,550.0                                                                                         | 7,939.6               | 7,880.8                | 7,831.0               | 23.2             | 9.8           | 80.46                    | 557.9                         | -756.2          | 849.3                  | 818.5                   | 30.77                     | 27.598                   |
| 8,600.0                                                                                         | 7,939.7               | 7,878.8                | 7,829.1               | 23.2             | 9.8           | 80.28                    | 557.9                         | -755.9          | 882.6                  | 851.6                   | 30.97                     | 28.501                   |
| 8,645.0                                                                                         | 7,939.8               | 7,877.1                | 7,827.4               | 23.2             | 9.8           | 80.13                    | 557.8                         | -755.7          | 913.9                  | 882.7                   | 31.13                     | 29.355                   |
| 8,700.0                                                                                         | 7,940.0               | 7,874.9                | 7,825.2               | 23.2             | 9.8           | 79.94                    | 557.7                         | -755.4          | 953.6                  | 922.2                   | 31.31                     | 30.455                   |
| 8,740.0                                                                                         | 7,940.1               | 7,873.4                | 7,823.7               | 23.2             | 9.8           | 79.80                    | 557.6                         | -755.2          | 983.4                  | 951.9                   | 31.43                     | 31.284                   |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

### Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                       |                                                           |                       |                        |               |                       |              |                |                        |                         |                             |                   | Offset Site Error: 0.0 usft |  |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|-----------------------|------------------------|---------------|-----------------------|--------------|----------------|------------------------|-------------------------|-----------------------------|-------------------|-----------------------------|--|
| Survey Program: Reference                                                                   |                       | 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS |                       |                        |               |                       |              | Rule Assigned: |                        |                         |                             |                   | Offset Well Error: 3.0 usft |  |
| Offset                                                                                      |                       | Semi Major Axis                                           |                       | Offset Wellbore Centre |               |                       | Distance     |                | Rule Assigned:         |                         | Offset Well Error: 3.0 usft |                   |                             |  |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft)                                     | Vertical Depth (usft) | Reference (usft)       | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft)   | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft)   | Separation Factor | Warning                     |  |
| 0.0                                                                                         | 0.0                   | 0.0                                                       | 0.0                   | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   |                         |                             |                   |                             |  |
| 95.0                                                                                        | 95.0                  | 94.3                                                      | 94.3                  | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.00                        | 5.001             |                             |  |
| 100.0                                                                                       | 100.0                 | 99.3                                                      | 99.3                  | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.00                        | 5.001             |                             |  |
| 190.0                                                                                       | 190.0                 | 189.3                                                     | 189.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.00                        | 4.999             |                             |  |
| 200.0                                                                                       | 200.0                 | 199.3                                                     | 199.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.00                        | 4.998             |                             |  |
| 285.0                                                                                       | 285.0                 | 284.3                                                     | 284.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.01                        | 4.994             |                             |  |
| 300.0                                                                                       | 300.0                 | 299.3                                                     | 299.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.01                        | 4.993             |                             |  |
| 380.0                                                                                       | 380.0                 | 379.3                                                     | 379.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.02                        | 4.987             |                             |  |
| 400.0                                                                                       | 400.0                 | 399.3                                                     | 399.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.02                        | 4.986             |                             |  |
| 475.0                                                                                       | 475.0                 | 474.3                                                     | 474.3                 | 3.0                    | 3.0           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.03                        | 4.978             |                             |  |
| 500.0                                                                                       | 500.0                 | 499.3                                                     | 499.3                 | 3.1                    | 3.1           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.03                        | 4.975             |                             |  |
| 570.0                                                                                       | 570.0                 | 569.3                                                     | 569.3                 | 3.1                    | 3.1           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.04                        | 4.967             |                             |  |
| 600.0                                                                                       | 600.0                 | 599.3                                                     | 599.3                 | 3.1                    | 3.1           | 89.05                 | 0.5          | 30.0           | 30.0                   | 24.0                    | 6.05                        | 4.962             |                             |  |
| 665.0                                                                                       | 665.0                 | 664.3                                                     | 664.3                 | 3.1                    | 3.1           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.06                        | 4.953             |                             |  |
| 700.0                                                                                       | 700.0                 | 699.3                                                     | 699.3                 | 3.1                    | 3.1           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.07                        | 4.947             |                             |  |
| 760.0                                                                                       | 760.0                 | 759.3                                                     | 759.3                 | 3.1                    | 3.1           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.08                        | 4.937             |                             |  |
| 800.0                                                                                       | 800.0                 | 799.3                                                     | 799.3                 | 3.2                    | 3.2           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.09                        | 4.929             |                             |  |
| 855.0                                                                                       | 855.0                 | 854.3                                                     | 854.3                 | 3.2                    | 3.2           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.10                        | 4.918             |                             |  |
| 900.0                                                                                       | 900.0                 | 899.3                                                     | 899.3                 | 3.2                    | 3.2           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.11                        | 4.909             |                             |  |
| 950.0                                                                                       | 950.0                 | 949.3                                                     | 949.3                 | 3.2                    | 3.2           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.13                        | 4.898             |                             |  |
| 1,000.0                                                                                     | 1,000.0               | 999.3                                                     | 999.3                 | 3.2                    | 3.2           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.14                        | 4.886             |                             |  |
| 1,045.0                                                                                     | 1,045.0               | 1,044.3                                                   | 1,044.3               | 3.3                    | 3.3           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.9                    | 6.15                        | 4.876             |                             |  |
| 1,100.0                                                                                     | 1,100.0               | 1,099.3                                                   | 1,099.3               | 3.3                    | 3.3           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.8                    | 6.17                        | 4.862             |                             |  |
| 1,140.0                                                                                     | 1,140.0               | 1,139.3                                                   | 1,139.3               | 3.3                    | 3.3           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.8                    | 6.18                        | 4.851             |                             |  |
| 1,200.0                                                                                     | 1,200.0               | 1,199.3                                                   | 1,199.3               | 3.4                    | 3.4           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.8                    | 6.21                        | 4.835             |                             |  |
| 1,235.0                                                                                     | 1,235.0               | 1,234.3                                                   | 1,234.3               | 3.4                    | 3.4           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.8                    | 6.22                        | 4.825             |                             |  |
| 1,300.0                                                                                     | 1,300.0               | 1,299.3                                                   | 1,299.3               | 3.4                    | 3.4           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.8                    | 6.24                        | 4.806             |                             |  |
| 1,330.0                                                                                     | 1,330.0               | 1,329.3                                                   | 1,329.3               | 3.4                    | 3.4           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.7                    | 6.25                        | 4.797             |                             |  |
| 1,400.0                                                                                     | 1,400.0               | 1,399.3                                                   | 1,399.3               | 3.5                    | 3.5           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.7                    | 6.28                        | 4.776             |                             |  |
| 1,425.0                                                                                     | 1,425.0               | 1,424.3                                                   | 1,424.3               | 3.5                    | 3.5           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.7                    | 6.29                        | 4.768             |                             |  |
| 1,500.0                                                                                     | 1,500.0               | 1,499.3                                                   | 1,499.3               | 3.5                    | 3.5           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.7                    | 6.33                        | 4.743             |                             |  |
| 1,520.0                                                                                     | 1,520.0               | 1,519.3                                                   | 1,519.3               | 3.6                    | 3.6           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.7                    | 6.33                        | 4.736             |                             |  |
| 1,600.0                                                                                     | 1,600.0               | 1,599.3                                                   | 1,599.3               | 3.6                    | 3.6           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.6                    | 6.37                        | 4.709             |                             |  |
| 1,615.0                                                                                     | 1,615.0               | 1,614.3                                                   | 1,614.3               | 3.6                    | 3.6           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.6                    | 6.38                        | 4.704             |                             |  |
| 1,700.0                                                                                     | 1,700.0               | 1,699.3                                                   | 1,699.3               | 3.7                    | 3.7           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.6                    | 6.42                        | 4.674             |                             |  |
| 1,710.0                                                                                     | 1,710.0               | 1,709.3                                                   | 1,709.3               | 3.7                    | 3.7           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.6                    | 6.42                        | 4.670             |                             |  |
| 1,800.0                                                                                     | 1,800.0               | 1,799.3                                                   | 1,799.3               | 3.8                    | 3.8           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.5                    | 6.47                        | 4.637             |                             |  |
| 1,805.0                                                                                     | 1,805.0               | 1,804.3                                                   | 1,804.3               | 3.8                    | 3.8           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.5                    | 6.47                        | 4.635             |                             |  |
| 1,900.0                                                                                     | 1,900.0               | 1,899.3                                                   | 1,899.3               | 3.9                    | 3.9           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.5                    | 6.52                        | 4.599             |                             |  |
| 1,995.0                                                                                     | 1,995.0               | 1,994.3                                                   | 1,994.3               | 3.9                    | 3.9           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.4                    | 6.58                        | 4.562             |                             |  |
| 2,000.0                                                                                     | 2,000.0               | 1,999.3                                                   | 1,999.3               | 3.9                    | 3.9           | 89.05                 | 0.5          | 30.0           | 30.0                   | 23.4                    | 6.58                        | 4.560 CC, ES      |                             |  |
| 2,090.0                                                                                     | 2,090.0               | 2,088.7                                                   | 2,088.7               | 4.1                    | 4.0           | 98.15                 | 1.6          | 30.9           | 31.1                   | 24.4                    | 6.74                        | 4.612             |                             |  |
| 2,100.0                                                                                     | 2,100.0               | 2,098.6                                                   | 2,098.6               | 4.2                    | 4.1           | 98.29                 | 1.8          | 31.1           | 31.4                   | 24.6                    | 6.76                        | 4.637             |                             |  |
| 2,185.0                                                                                     | 2,184.9               | 2,182.9                                                   | 2,182.8               | 4.7                    | 4.5           | 99.84                 | 5.0          | 33.7           | 34.7                   | 27.4                    | 7.22                        | 4.797             |                             |  |
| 2,200.0                                                                                     | 2,199.8               | 2,197.8                                                   | 2,197.6               | 4.8                    | 4.6           | 100.16                | 5.7          | 34.4           | 35.4                   | 28.1                    | 7.31                        | 4.848             |                             |  |
| 2,280.0                                                                                     | 2,279.6               | 2,277.0                                                   | 2,276.5               | 5.3                    | 5.0           | 101.98                | 10.8         | 38.6           | 40.7                   | 33.0                    | 7.72                        | 5.278             |                             |  |
| 2,300.0                                                                                     | 2,299.5               | 2,296.7                                                   | 2,296.2               | 5.4                    | 5.2           | 102.44                | 12.3         | 39.8           | 42.3                   | 34.5                    | 7.82                        | 5.414             |                             |  |
| 2,375.0                                                                                     | 2,373.9               | 2,370.7                                                   | 2,369.7               | 5.9                    | 5.6           | 104.06                | 18.9         | 45.3           | 49.4                   | 41.2                    | 8.19                        | 6.030             |                             |  |
| 2,400.0                                                                                     | 2,398.7               | 2,395.3                                                   | 2,394.1               | 6.0                    | 5.7           | 104.56                | 21.4         | 47.4           | 52.1                   | 43.7                    | 8.31                        | 6.264             |                             |  |
| 2,470.0                                                                                     | 2,467.9               | 2,464.1                                                   | 2,462.0               | 6.4                    | 6.1           | 105.82                | 29.3         | 54.0           | 60.5                   | 51.9                    | 8.66                        | 6.993             |                             |  |
| 2,500.0                                                                                     | 2,497.5               | 2,493.5                                                   | 2,491.0               | 6.6                    | 6.3           | 106.30                | 33.1         | 57.1           | 64.6                   | 55.8                    | 8.81                        | 7.334             |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                       |                                                           |                       |                  |               |                        |              |                |                        |                    |                           |                   | Offset Site Error: 0.0 usft |  |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|-----------------------|------------------|---------------|------------------------|--------------|----------------|------------------------|--------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program:                                                                             |                       | 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS |                       |                  |               |                        |              | Rule Assigned: |                        |                    |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                                   |                       | Offset                                                    |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Distance       |                        | Minimum Separation |                           | Warning           |                             |  |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft)                                     | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft)   | Between Centres (usft) | Ellipses (usft)    | Minimum Separation (usft) | Separation Factor |                             |  |
| 2,550.1                                                                                     | 2,546.7               | 2,542.4                                                   | 2,539.2               | 6.7              | 6.5           | 107.01                 | 39.8         | 62.8           | 71.9                   | 62.8               | 9.06                      | 7.937             |                             |  |
| 2,565.0                                                                                     | 2,561.4               | 2,556.9                                                   | 2,553.4               | 6.7              | 6.6           | 107.22                 | 42.0         | 64.5           | 74.2                   | 65.1               | 9.14                      | 8.121             |                             |  |
| 2,600.0                                                                                     | 2,595.7               | 2,591.0                                                   | 2,586.9               | 6.7              | 6.8           | 107.48                 | 47.2         | 68.9           | 79.8                   | 70.4               | 9.33                      | 8.550             |                             |  |
| 2,660.0                                                                                     | 2,654.6               | 2,649.3                                                   | 2,643.8               | 6.8              | 7.1           | 107.32                 | 56.8         | 76.9           | 89.8                   | 80.1               | 9.69                      | 9.267             |                             |  |
| 2,700.0                                                                                     | 2,693.9               | 2,688.1                                                   | 2,681.5               | 6.9              | 7.3           | 106.89                 | 63.7         | 82.6           | 96.8                   | 86.8               | 9.94                      | 9.734             |                             |  |
| 2,755.0                                                                                     | 2,747.9               | 2,741.5                                                   | 2,733.2               | 7.0              | 7.4           | 106.01                 | 73.8         | 91.0           | 106.8                  | 96.6               | 10.23                     | 10.445            |                             |  |
| 2,800.0                                                                                     | 2,792.0               | 2,785.7                                                   | 2,776.0               | 7.1              | 7.5           | 105.31                 | 82.3         | 98.1           | 115.2                  | 104.8              | 10.45                     | 11.024            |                             |  |
| 2,850.0                                                                                     | 2,841.1               | 2,834.8                                                   | 2,823.6               | 7.1              | 7.6           | 104.64                 | 91.7         | 106.0          | 124.5                  | 113.8              | 10.71                     | 11.624            |                             |  |
| 2,900.0                                                                                     | 2,890.2               | 2,883.9                                                   | 2,871.1               | 7.2              | 7.7           | 104.07                 | 101.2        | 113.9          | 133.8                  | 122.8              | 10.98                     | 12.191            |                             |  |
| 2,945.0                                                                                     | 2,934.4               | 2,928.1                                                   | 2,913.9               | 7.3              | 7.7           | 103.62                 | 109.7        | 120.9          | 142.2                  | 131.0              | 11.23                     | 12.669            |                             |  |
| 3,000.0                                                                                     | 2,988.4               | 2,982.1                                                   | 2,966.2               | 7.4              | 7.8           | 103.13                 | 120.1        | 129.6          | 152.5                  | 141.0              | 11.54                     | 13.219            |                             |  |
| 3,040.0                                                                                     | 3,027.6               | 3,021.4                                                   | 3,004.2               | 7.5              | 7.9           | 102.82                 | 127.7        | 135.9          | 160.0                  | 148.2              | 11.76                     | 13.597            |                             |  |
| 3,100.0                                                                                     | 3,086.5               | 3,080.3                                                   | 3,061.3               | 7.7              | 8.0           | 102.40                 | 139.0        | 145.3          | 171.2                  | 159.1              | 12.11                     | 14.134            |                             |  |
| 3,135.0                                                                                     | 3,120.9               | 3,114.7                                                   | 3,094.5               | 7.7              | 8.1           | 102.18                 | 145.6        | 150.8          | 177.7                  | 165.4              | 12.32                     | 14.431            |                             |  |
| 3,200.0                                                                                     | 3,184.7               | 3,178.5                                                   | 3,156.4               | 7.9              | 8.3           | 101.81                 | 157.9        | 161.1          | 189.9                  | 177.2              | 12.70                     | 14.951            |                             |  |
| 3,230.0                                                                                     | 3,214.1               | 3,208.0                                                   | 3,184.9               | 8.0              | 8.3           | 101.66                 | 163.6        | 165.8          | 195.5                  | 182.6              | 12.88                     | 15.179            |                             |  |
| 3,300.0                                                                                     | 3,282.8               | 3,276.7                                                   | 3,251.4               | 8.1              | 8.5           | 101.33                 | 176.8        | 176.8          | 208.6                  | 195.3              | 13.31                     | 15.681            |                             |  |
| 3,325.0                                                                                     | 3,307.4               | 3,301.3                                                   | 3,275.2               | 8.2              | 8.5           | 101.22                 | 181.5        | 180.7          | 213.3                  | 199.9              | 13.46                     | 15.852            |                             |  |
| 3,400.0                                                                                     | 3,381.0               | 3,375.0                                                   | 3,346.5               | 8.4              | 8.7           | 100.92                 | 195.7        | 192.5          | 227.4                  | 213.5              | 13.92                     | 16.334            |                             |  |
| 3,420.0                                                                                     | 3,400.6               | 3,394.6                                                   | 3,365.5               | 8.4              | 8.8           | 100.85                 | 199.5        | 195.7          | 231.1                  | 217.1              | 14.05                     | 16.457            |                             |  |
| 3,500.0                                                                                     | 3,479.2               | 3,473.2                                                   | 3,441.6               | 8.7              | 9.0           | 100.58                 | 214.6        | 208.3          | 246.1                  | 231.6              | 14.55                     | 16.920            |                             |  |
| 3,515.0                                                                                     | 3,493.9               | 3,487.9                                                   | 3,455.9               | 8.7              | 9.0           | 100.54                 | 217.4        | 210.6          | 249.0                  | 234.3              | 14.64                     | 17.003            |                             |  |
| 3,600.0                                                                                     | 3,577.3               | 3,571.4                                                   | 3,536.7               | 8.9              | 9.2           | 100.29                 | 233.5        | 224.0          | 264.9                  | 249.7              | 15.18                     | 17.447            |                             |  |
| 3,610.0                                                                                     | 3,587.1               | 3,581.2                                                   | 3,546.2               | 9.0              | 9.3           | 100.26                 | 235.4        | 225.6          | 266.8                  | 251.5              | 15.25                     | 17.497            |                             |  |
| 3,700.0                                                                                     | 3,675.5               | 3,669.6                                                   | 3,631.8               | 9.2              | 9.5           | 100.04                 | 252.4        | 239.8          | 283.7                  | 267.9              | 15.83                     | 17.921            |                             |  |
| 3,705.0                                                                                     | 3,680.4               | 3,674.5                                                   | 3,636.5               | 9.2              | 9.5           | 100.02                 | 253.3        | 240.6          | 284.6                  | 268.8              | 15.86                     | 17.944            |                             |  |
| 3,800.0                                                                                     | 3,773.7               | 3,767.8                                                   | 3,726.9               | 9.5              | 9.8           | 99.81                  | 271.3        | 255.5          | 302.5                  | 286.0              | 16.48                     | 18.350            |                             |  |
| 3,895.0                                                                                     | 3,866.9               | 3,861.1                                                   | 3,817.2               | 9.8              | 10.0          | 99.62                  | 289.3        | 270.5          | 320.3                  | 303.2              | 17.11                     | 18.719            |                             |  |
| 3,900.0                                                                                     | 3,871.8               | 3,866.0                                                   | 3,822.0               | 9.8              | 10.1          | 99.62                  | 290.2        | 271.2          | 321.2                  | 304.1              | 17.14                     | 18.738            |                             |  |
| 3,990.0                                                                                     | 3,960.2               | 3,954.4                                                   | 3,907.5               | 10.1             | 10.3          | 99.46                  | 307.2        | 285.4          | 338.1                  | 320.4              | 17.74                     | 19.057            |                             |  |
| 4,000.0                                                                                     | 3,970.0               | 3,964.2                                                   | 3,917.0               | 10.1             | 10.3          | 99.44                  | 309.1        | 287.0          | 340.0                  | 322.2              | 17.81                     | 19.090            |                             |  |
| 4,085.0                                                                                     | 4,053.4               | 4,047.7                                                   | 3,997.9               | 10.3             | 10.6          | 99.31                  | 325.2        | 300.4          | 356.0                  | 337.6              | 18.38                     | 19.365            |                             |  |
| 4,100.0                                                                                     | 4,068.1               | 4,062.5                                                   | 4,012.1               | 10.4             | 10.6          | 99.28                  | 328.0        | 302.7          | 358.8                  | 340.3              | 18.48                     | 19.411            |                             |  |
| 4,180.0                                                                                     | 4,146.7               | 4,141.0                                                   | 4,088.2               | 10.6             | 10.9          | 99.17                  | 343.1        | 315.3          | 373.8                  | 354.8              | 19.03                     | 19.648            |                             |  |
| 4,200.0                                                                                     | 4,166.3               | 4,160.7                                                   | 4,107.2               | 10.7             | 10.9          | 99.14                  | 346.9        | 318.5          | 377.6                  | 358.4              | 19.16                     | 19.704            |                             |  |
| 4,275.0                                                                                     | 4,239.9               | 4,234.3                                                   | 4,178.5               | 10.9             | 11.2          | 99.05                  | 361.1        | 330.3          | 391.7                  | 372.0              | 19.68                     | 19.907            |                             |  |
| 4,300.0                                                                                     | 4,264.5               | 4,258.9                                                   | 4,202.3               | 11.0             | 11.2          | 99.01                  | 365.8        | 334.2          | 396.4                  | 376.5              | 19.85                     | 19.972            |                             |  |
| 4,370.0                                                                                     | 4,333.2               | 4,327.6                                                   | 4,268.9               | 11.2             | 11.5          | 98.93                  | 379.0        | 345.2          | 409.5                  | 389.2              | 20.33                     | 20.146            |                             |  |
| 4,400.0                                                                                     | 4,362.6               | 4,357.1                                                   | 4,297.4               | 11.3             | 11.6          | 98.90                  | 384.7        | 349.9          | 415.2                  | 394.6              | 20.53                     | 20.218            |                             |  |
| 4,465.0                                                                                     | 4,426.4               | 4,420.9                                                   | 4,359.2               | 11.5             | 11.8          | 98.83                  | 397.0        | 360.2          | 427.4                  | 406.4              | 20.98                     | 20.366            |                             |  |
| 4,500.0                                                                                     | 4,460.8               | 4,455.3                                                   | 4,392.5               | 11.6             | 11.9          | 98.79                  | 403.6        | 365.7          | 434.0                  | 412.7              | 21.23                     | 20.443            |                             |  |
| 4,560.0                                                                                     | 4,519.7               | 4,514.3                                                   | 4,449.5               | 11.8             | 12.1          | 98.73                  | 414.9        | 375.1          | 445.2                  | 423.6              | 21.64                     | 20.570            |                             |  |
| 4,600.0                                                                                     | 4,559.0               | 4,553.5                                                   | 4,487.6               | 12.0             | 12.2          | 98.69                  | 422.5        | 381.4          | 452.8                  | 430.8              | 21.92                     | 20.652            |                             |  |
| 4,655.0                                                                                     | 4,612.9               | 4,607.6                                                   | 4,539.9               | 12.1             | 12.4          | 98.64                  | 432.9        | 390.1          | 463.1                  | 440.8              | 22.31                     | 20.759            |                             |  |
| 4,700.0                                                                                     | 4,657.1               | 4,651.8                                                   | 4,582.6               | 12.3             | 12.5          | 98.61                  | 441.4        | 397.2          | 471.5                  | 448.9              | 22.62                     | 20.844            |                             |  |
| 4,750.0                                                                                     | 4,706.2               | 4,700.9                                                   | 4,630.2               | 12.5             | 12.7          | 98.56                  | 450.9        | 405.0          | 480.9                  | 458.0              | 22.97                     | 20.935            |                             |  |
| 4,800.0                                                                                     | 4,755.3               | 4,750.0                                                   | 4,677.7               | 12.6             | 12.8          | 98.52                  | 460.3        | 412.9          | 490.3                  | 467.0              | 23.33                     | 21.022            |                             |  |
| 4,845.0                                                                                     | 4,799.4               | 4,794.2                                                   | 4,720.5               | 12.8             | 13.0          | 98.49                  | 468.8        | 420.0          | 498.8                  | 475.2              | 23.64                     | 21.097            |                             |  |
| 4,900.0                                                                                     | 4,853.4               | 4,848.2                                                   | 4,772.8               | 13.0             | 13.2          | 98.45                  | 479.2        | 428.6          | 509.1                  | 485.1              | 24.03                     | 21.186            |                             |  |
| 4,940.0                                                                                     | 4,892.7               | 4,887.5                                                   | 4,810.8               | 13.1             | 13.3          | 98.42                  | 486.8        | 434.9          | 516.7                  | 492.3              | 24.31                     | 21.249            |                             |  |
| 5,000.0                                                                                     | 4,951.6               | 4,946.4                                                   | 4,867.9               | 13.3             | 13.5          | 98.37                  | 498.1        | 444.4          | 527.9                  | 503.2              | 24.74                     | 21.340            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                               |                           |                               |                                |                                  |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                           |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                               |                           |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                               | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b>                   |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                           | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Factor</b>             |          |
|                                                                                                    |                              |                              |                              |                         |                      |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b>       |                               |                                |                                  |                           |          |
| 5,035.0                                                                                            | 4,986.0                      | 4,980.8                      | 4,901.2                      | 13.4                    | 13.6                 | 98.35                        | 504.7                         | 449.9                     | 534.5                         | 509.5                          | 24.99                            | 21.391                    |          |
| 5,100.0                                                                                            | 5,049.8                      | 5,044.6                      | 4,963.0                      | 13.6                    | 13.8                 | 98.31                        | 517.0                         | 460.1                     | 546.7                         | 521.3                          | 25.45                            | 21.482                    |          |
| 5,130.0                                                                                            | 5,079.2                      | 5,074.1                      | 4,991.5                      | 13.7                    | 13.9                 | 98.29                        | 522.7                         | 464.8                     | 552.4                         | 526.7                          | 25.66                            | 21.523                    |          |
| 5,200.0                                                                                            | 5,147.9                      | 5,142.8                      | 5,058.1                      | 14.0                    | 14.2                 | 98.25                        | 535.9                         | 475.9                     | 565.5                         | 539.4                          | 26.16                            | 21.615                    |          |
| 5,225.0                                                                                            | 5,172.5                      | 5,167.4                      | 5,081.8                      | 14.1                    | 14.2                 | 98.23                        | 540.6                         | 479.8                     | 570.2                         | 543.9                          | 26.34                            | 21.647                    |          |
| 5,300.0                                                                                            | 5,246.1                      | 5,241.0                      | 5,153.2                      | 14.3                    | 14.5                 | 98.19                        | 554.8                         | 491.6                     | 584.3                         | 557.5                          | 26.88                            | 21.739                    |          |
| 5,320.0                                                                                            | 5,265.7                      | 5,260.7                      | 5,172.2                      | 14.4                    | 14.6                 | 98.18                        | 558.6                         | 494.7                     | 588.1                         | 561.1                          | 27.02                            | 21.763                    |          |
| 5,400.0                                                                                            | 5,344.2                      | 5,339.3                      | 5,248.2                      | 14.7                    | 14.8                 | 98.13                        | 573.7                         | 507.3                     | 603.1                         | 575.5                          | 27.60                            | 21.856                    |          |
| 5,415.0                                                                                            | 5,359.0                      | 5,354.0                      | 5,262.5                      | 14.7                    | 14.9                 | 98.13                        | 576.5                         | 509.7                     | 606.0                         | 578.2                          | 27.70                            | 21.872                    |          |
| 5,500.0                                                                                            | 5,442.4                      | 5,437.5                      | 5,343.3                      | 15.0                    | 15.2                 | 98.08                        | 592.6                         | 523.1                     | 621.9                         | 593.6                          | 28.32                            | 21.965                    |          |
| 5,510.0                                                                                            | 5,452.2                      | 5,447.3                      | 5,352.8                      | 15.0                    | 15.2                 | 98.08                        | 594.5                         | 524.7                     | 623.8                         | 595.4                          | 28.39                            | 21.975                    |          |
| 5,600.0                                                                                            | 5,540.6                      | 5,535.7                      | 5,438.4                      | 15.4                    | 15.5                 | 98.04                        | 611.5                         | 538.8                     | 640.7                         | 611.7                          | 29.04                            | 22.067                    |          |
| 5,605.0                                                                                            | 5,545.5                      | 5,540.6                      | 5,443.2                      | 15.4                    | 15.5                 | 98.03                        | 612.5                         | 539.6                     | 641.7                         | 612.6                          | 29.07                            | 22.072                    |          |
| 5,700.0                                                                                            | 5,638.7                      | 5,633.9                      | 5,533.5                      | 15.7                    | 15.9                 | 97.99                        | 630.4                         | 554.6                     | 659.5                         | 629.8                          | 29.76                            | 22.163                    |          |
| 5,795.0                                                                                            | 5,732.0                      | 5,727.2                      | 5,623.8                      | 16.0                    | 16.2                 | 97.95                        | 648.4                         | 569.5                     | 677.4                         | 646.9                          | 30.45                            | 22.249                    |          |
| 5,800.0                                                                                            | 5,736.9                      | 5,732.1                      | 5,628.6                      | 16.1                    | 16.2                 | 97.95                        | 649.3                         | 570.3                     | 678.3                         | 647.9                          | 30.48                            | 22.253                    |          |
| 5,889.3                                                                                            | 5,824.6                      | 5,819.9                      | 5,713.5                      | 16.4                    | 16.5                 | 97.91                        | 666.2                         | 584.4                     | 695.1                         | 664.0                          | 31.13                            | 22.331                    |          |
| 5,890.0                                                                                            | 5,825.2                      | 5,820.5                      | 5,714.2                      | 16.4                    | 16.5                 | 97.91                        | 666.3                         | 584.5                     | 695.3                         | 664.1                          | 31.13                            | 22.332                    |          |
| 5,900.0                                                                                            | 5,835.1                      | 5,830.3                      | 5,723.7                      | 16.4                    | 16.6                 | 97.93                        | 668.2                         | 586.0                     | 697.1                         | 665.9                          | 31.21                            | 22.340                    |          |
| 5,985.0                                                                                            | 5,918.6                      | 5,913.8                      | 5,804.5                      | 16.7                    | 16.9                 | 97.99                        | 684.3                         | 599.4                     | 713.0                         | 681.2                          | 31.82                            | 22.409                    |          |
| 6,000.0                                                                                            | 5,933.4                      | 5,928.6                      | 5,818.8                      | 16.7                    | 16.9                 | 97.99                        | 687.1                         | 601.8                     | 715.8                         | 683.9                          | 31.93                            | 22.419                    |          |
| 6,080.0                                                                                            | 6,012.3                      | 6,007.2                      | 5,894.9                      | 17.0                    | 17.2                 | 97.95                        | 702.2                         | 614.4                     | 730.6                         | 698.0                          | 32.51                            | 22.470                    |          |
| 6,100.0                                                                                            | 6,032.1                      | 6,026.8                      | 5,913.9                      | 17.1                    | 17.3                 | 97.92                        | 706.0                         | 617.5                     | 734.2                         | 701.6                          | 32.66                            | 22.481                    |          |
| 6,175.0                                                                                            | 6,106.2                      | 6,100.5                      | 5,985.2                      | 17.3                    | 17.5                 | 97.79                        | 720.2                         | 629.3                     | 747.9                         | 714.7                          | 33.21                            | 22.521                    |          |
| 6,200.0                                                                                            | 6,131.0                      | 6,125.0                      | 6,009.0                      | 17.4                    | 17.6                 | 97.73                        | 724.9                         | 633.3                     | 752.4                         | 719.0                          | 33.39                            | 22.533                    |          |
| 6,270.0                                                                                            | 6,200.4                      | 6,193.7                      | 6,075.5                      | 17.7                    | 17.9                 | 97.53                        | 738.1                         | 644.3                     | 765.1                         | 731.2                          | 33.91                            | 22.564                    |          |
| 6,300.0                                                                                            | 6,230.2                      | 6,229.4                      | 6,110.1                      | 17.8                    | 18.0                 | 97.40                        | 744.8                         | 649.8                     | 770.3                         | 736.2                          | 34.17                            | 22.545                    |          |
| 6,365.0                                                                                            | 6,294.7                      | 6,307.1                      | 6,185.8                      | 18.0                    | 18.3                 | 97.17                        | 758.3                         | 661.1                     | 780.9                         | 746.2                          | 34.74                            | 22.481                    |          |
| 6,400.0                                                                                            | 6,329.5                      | 6,349.3                      | 6,227.0                      | 18.1                    | 18.5                 | 97.06                        | 764.9                         | 666.6                     | 786.1                         | 751.0                          | 35.07                            | 22.413                    |          |
| 6,460.0                                                                                            | 6,389.3                      | 6,421.8                      | 6,298.3                      | 18.3                    | 18.9                 | 96.91                        | 775.2                         | 675.2                     | 794.1                         | 758.5                          | 35.63                            | 22.287                    |          |
| 6,500.0                                                                                            | 6,429.1                      | 6,470.4                      | 6,346.3                      | 18.5                    | 19.1                 | 96.83                        | 781.4                         | 680.3                     | 798.9                         | 762.9                          | 36.00                            | 22.194                    |          |
| 6,555.0                                                                                            | 6,483.9                      | 6,537.5                      | 6,412.6                      | 18.6                    | 19.4                 | 96.75                        | 788.8                         | 686.5                     | 804.7                         | 768.2                          | 36.49                            | 22.054                    |          |
| 6,600.0                                                                                            | 6,528.8                      | 6,592.5                      | 6,467.3                      | 18.8                    | 19.7                 | 96.71                        | 794.0                         | 690.8                     | 808.7                         | 771.8                          | 36.88                            | 21.928                    |          |
| 6,650.0                                                                                            | 6,578.7                      | 6,653.9                      | 6,528.3                      | 19.0                    | 19.9                 | 96.69                        | 798.9                         | 694.9                     | 812.5                         | 775.2                          | 37.30                            | 21.780                    |          |
| 6,700.0                                                                                            | 6,628.6                      | 6,715.3                      | 6,589.5                      | 19.1                    | 20.2                 | 96.69                        | 802.8                         | 698.1                     | 815.5                         | 777.8                          | 37.72                            | 21.621                    |          |
| 6,745.0                                                                                            | 6,673.6                      | 6,770.8                      | 6,644.9                      | 19.3                    | 20.5                 | 96.71                        | 805.4                         | 700.2                     | 817.6                         | 779.5                          | 38.08                            | 21.469                    |          |
| 6,800.0                                                                                            | 6,728.5                      | 6,838.6                      | 6,712.6                      | 19.5                    | 20.7                 | 96.76                        | 807.4                         | 702.0                     | 819.3                         | 780.8                          | 38.51                            | 21.273                    |          |
| 6,840.0                                                                                            | 6,768.5                      | 6,887.9                      | 6,761.9                      | 19.6                    | 21.0                 | 96.82                        | 808.2                         | 702.6                     | 820.0                         | 781.1                          | 38.82                            | 21.123                    |          |
| 6,900.0                                                                                            | 6,828.5                      | 6,953.8                      | 6,827.8                      | 19.8                    | 21.2                 | 96.91                        | 808.3                         | 702.7                     | 820.2                         | 781.0                          | 39.21                            | 20.920                    |          |
| 6,935.0                                                                                            | 6,863.5                      | 6,988.8                      | 6,862.8                      | 19.9                    | 21.3                 | 96.94                        | 808.3                         | 702.7                     | 820.3                         | 780.8                          | 39.42                            | 20.806                    |          |
| 6,989.5                                                                                            | 6,918.0                      | 7,043.3                      | 6,917.3                      | 20.1                    | 21.4                 | 88.48                        | 808.3                         | 702.7                     | 820.3                         | 780.6                          | 39.71                            | 20.659                    |          |
| 7,000.0                                                                                            | 6,928.5                      | 7,053.8                      | 6,927.8                      | 20.1                    | 21.4                 | 88.48                        | 808.3                         | 702.7                     | 820.3                         | 780.5                          | 39.76                            | 20.633                    |          |
| 7,030.0                                                                                            | 6,958.5                      | 7,083.8                      | 6,957.8                      | 20.2                    | 21.4                 | 88.48                        | 808.3                         | 702.7                     | 820.3                         | 780.4                          | 39.90                            | 20.557                    |          |
| 7,100.0                                                                                            | 7,028.5                      | 7,156.2                      | 7,030.2                      | 20.4                    | 21.5                 | 88.63                        | 806.1                         | 702.7                     | 820.2                         | 780.1                          | 40.16                            | 20.426                    |          |
| 7,125.0                                                                                            | 7,053.5                      | 7,182.2                      | 7,056.0                      | 20.5                    | 21.5                 | 88.83                        | 803.3                         | 702.7                     | 820.1                         | 779.9                          | 40.23                            | 20.387                    |          |
| 7,200.0                                                                                            | 7,128.5                      | 7,258.0                      | 7,130.2                      | 20.7                    | 21.6                 | 89.88                        | 788.3                         | 702.5                     | 819.8                         | 779.4                          | 40.43                            | 20.278                    |          |
| 7,220.0                                                                                            | 7,148.5                      | 7,277.4                      | 7,148.9                      | 20.8                    | 21.7                 | 90.25                        | 782.9                         | 702.5                     | 819.8                         | 779.3                          | 40.48                            | 20.252                    |          |
| 7,232.0                                                                                            | 7,160.5                      | 7,288.9                      | 7,159.8                      | 20.9                    | 21.7                 | 90.50                        | 779.4                         | 702.4                     | 819.8                         | 779.3                          | 40.51                            | 20.236                    |          |
| 7,300.0                                                                                            | 7,228.5                      | 7,350.0                      | 7,216.7                      | 21.1                    | 21.8                 | 92.05                        | 757.1                         | 702.3                     | 820.2                         | 779.5                          | 40.68                            | 20.161                    |          |
| 7,315.0                                                                                            | 7,243.5                      | 7,363.8                      | 7,229.2                      | 21.1                    | 21.8                 | 92.46                        | 751.3                         | 702.2                     | 820.4                         | 779.7                          | 40.71                            | 20.150                    |          |
| 7,400.0                                                                                            | 7,328.5                      | 7,431.9                      | 7,288.6                      | 21.4                    | 22.0                 | 94.77                        | 718.1                         | 701.9                     | 823.0                         | 782.1                          | 40.91                            | 20.120                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                               |                           |                               |                                |                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                               |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                               | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                           | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>  |                           |          |
|                                                                                                    |                              |                              |                              |                         |                      |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b>       |                               |                                |                |                           |          |
| 7,410.0                                                                                            | 7,338.5                      | 7,439.3                      | 7,294.9                      | 21.4                    | 22.0                 | 95.05                        | 714.1                         | 701.9                     | 823.5                         | 782.6                          | 40.91          | 20.131                    |          |
| 7,437.5                                                                                            | 7,366.0                      | 7,459.1                      | 7,311.2                      | 21.5                    | 22.0                 | 95.83                        | 702.9                         | 701.8                     | 825.1                         | 784.2                          | 40.91          | 20.169                    |          |
| 7,450.0                                                                                            | 7,378.5                      | 7,467.8                      | 7,318.3                      | 21.5                    | 22.1                 | -84.24                       | 697.8                         | 701.7                     | 826.0                         | 785.1                          | 40.89          | 20.200                    |          |
| 7,500.0                                                                                            | 7,428.4                      | 7,500.0                      | 7,343.7                      | 21.5                    | 22.1                 | -82.60                       | 678.1                         | 701.6                     | 829.9                         | 789.1                          | 40.81          | 20.337                    |          |
| 7,505.0                                                                                            | 7,433.4                      | 7,505.7                      | 7,348.1                      | 21.6                    | 22.1                 | -82.35                       | 674.5                         | 701.5                     | 830.3                         | 789.5                          | 40.79          | 20.354                    |          |
| 7,550.0                                                                                            | 7,477.8                      | 7,536.0                      | 7,370.8                      | 21.7                    | 22.2                 | -80.82                       | 654.4                         | 701.4                     | 834.5                         | 793.8                          | 40.70          | 20.501                    |          |
| 7,600.0                                                                                            | 7,526.3                      | 7,569.1                      | 7,394.4                      | 21.9                    | 22.3                 | -79.15                       | 631.1                         | 701.2                     | 839.6                         | 799.0                          | 40.59          | 20.684                    |          |
| 7,650.0                                                                                            | 7,573.7                      | 7,600.0                      | 7,415.1                      | 22.1                    | 22.3                 | -77.59                       | 608.2                         | 701.0                     | 845.3                         | 804.8                          | 40.48          | 20.882                    |          |
| 7,695.0                                                                                            | 7,614.9                      | 7,630.7                      | 7,434.4                      | 22.2                    | 22.4                 | -76.12                       | 584.4                         | 700.8                     | 850.6                         | 810.2                          | 40.37          | 21.070                    |          |
| 7,700.0                                                                                            | 7,619.4                      | 7,633.9                      | 7,436.4                      | 22.2                    | 22.4                 | -75.97                       | 581.9                         | 700.7                     | 851.2                         | 810.8                          | 40.36          | 21.091                    |          |
| 7,750.0                                                                                            | 7,663.2                      | 7,665.7                      | 7,454.9                      | 22.4                    | 22.4                 | -74.48                       | 556.0                         | 700.5                     | 857.2                         | 817.0                          | 40.24          | 21.305                    |          |
| 7,790.0                                                                                            | 7,696.7                      | 7,690.9                      | 7,468.5                      | 22.5                    | 22.5                 | -73.35                       | 534.9                         | 700.3                     | 862.1                         | 822.0                          | 40.14          | 21.476                    |          |
| 7,800.0                                                                                            | 7,704.8                      | 7,700.0                      | 7,473.2                      | 22.5                    | 22.5                 | -73.00                       | 527.0                         | 700.3                     | 863.4                         | 823.2                          | 40.12          | 21.518                    |          |
| 7,850.0                                                                                            | 7,743.8                      | 7,728.3                      | 7,487.0                      | 22.7                    | 22.5                 | -71.75                       | 502.4                         | 700.0                     | 869.4                         | 829.4                          | 40.02          | 21.725                    |          |
| 7,885.0                                                                                            | 7,769.4                      | 7,750.0                      | 7,496.8                      | 22.8                    | 22.6                 | -70.89                       | 482.9                         | 699.9                     | 873.5                         | 833.5                          | 39.95          | 21.863                    |          |
| 7,900.0                                                                                            | 7,779.9                      | 7,759.2                      | 7,500.6                      | 22.8                    | 22.6                 | -70.53                       | 474.7                         | 699.8                     | 875.2                         | 835.3                          | 39.93          | 21.919                    |          |
| 7,950.0                                                                                            | 7,812.9                      | 7,789.8                      | 7,512.7                      | 22.9                    | 22.6                 | -69.42                       | 446.4                         | 699.6                     | 880.8                         | 840.9                          | 39.86          | 22.096                    |          |
| 7,980.0                                                                                            | 7,831.0                      | 7,800.0                      | 7,516.4                      | 22.9                    | 22.6                 | -68.94                       | 437.0                         | 699.5                     | 884.0                         | 844.2                          | 39.84          | 22.191                    |          |
| 8,000.0                                                                                            | 7,842.4                      | 7,820.3                      | 7,523.2                      | 23.0                    | 22.6                 | -68.42                       | 417.8                         | 699.3                     | 886.0                         | 846.2                          | 39.82          | 22.250                    |          |
| 8,050.0                                                                                            | 7,868.4                      | 7,850.0                      | 7,531.9                      | 23.1                    | 22.7                 | -67.54                       | 389.5                         | 699.1                     | 890.7                         | 850.9                          | 39.81          | 22.376                    |          |
| 8,075.0                                                                                            | 7,879.9                      | 7,865.8                      | 7,535.9                      | 23.1                    | 22.7                 | -67.13                       | 374.2                         | 698.9                     | 892.9                         | 853.1                          | 39.81          | 22.428                    |          |
| 8,100.0                                                                                            | 7,890.5                      | 7,880.9                      | 7,539.4                      | 23.1                    | 22.7                 | -66.76                       | 359.5                         | 698.8                     | 894.9                         | 855.1                          | 39.82          | 22.472                    |          |
| 8,150.0                                                                                            | 7,908.6                      | 7,911.0                      | 7,545.1                      | 23.2                    | 22.7                 | -66.12                       | 330.0                         | 698.6                     | 898.5                         | 858.6                          | 39.87          | 22.534                    |          |
| 8,170.0                                                                                            | 7,914.7                      | 7,923.0                      | 7,547.0                      | 23.2                    | 22.7                 | -65.89                       | 318.1                         | 698.5                     | 899.8                         | 859.9                          | 39.90          | 22.549                    |          |
| 8,200.0                                                                                            | 7,922.6                      | 7,950.0                      | 7,550.3                      | 23.2                    | 22.7                 | -65.53                       | 291.3                         | 698.2                     | 901.5                         | 861.6                          | 39.94          | 22.574                    |          |
| 8,250.0                                                                                            | 7,932.3                      | 7,971.0                      | 7,551.9                      | 23.2                    | 22.8                 | -65.20                       | 270.4                         | 698.0                     | 903.7                         | 863.7                          | 40.07          | 22.553                    |          |
| 8,265.0                                                                                            | 7,934.4                      | 7,979.9                      | 7,552.4                      | 23.2                    | 22.8                 | -65.10                       | 261.4                         | 698.0                     | 904.3                         | 864.2                          | 40.11          | 22.544                    |          |
| 8,300.0                                                                                            | 7,937.8                      | 8,000.0                      | 7,553.0                      | 23.2                    | 22.8                 | -64.93                       | 241.4                         | 697.8                     | 905.3                         | 865.1                          | 40.22          | 22.509                    |          |
| 8,336.0                                                                                            | 7,939.0                      | 8,032.9                      | 7,553.0                      | 23.2                    | 22.8                 | -64.82                       | 208.5                         | 697.5                     | 905.8                         | 865.5                          | 40.28          | 22.486                    |          |
| 8,360.0                                                                                            | 7,939.1                      | 8,056.9                      | 7,552.9                      | 23.2                    | 22.8                 | -64.82                       | 184.5                         | 697.3                     | 905.9                         | 865.6                          | 40.32          | 22.466                    |          |
| 8,400.0                                                                                            | 7,939.2                      | 8,096.9                      | 7,552.9                      | 23.2                    | 22.8                 | -64.81                       | 144.5                         | 696.9                     | 905.9                         | 865.6                          | 40.38          | 22.433                    |          |
| 8,455.0                                                                                            | 7,939.3                      | 8,151.9                      | 7,552.8                      | 23.2                    | 22.9                 | -64.80                       | 89.5                          | 696.5                     | 906.0                         | 865.5                          | 40.50          | 22.373                    |          |
| 8,500.0                                                                                            | 7,939.4                      | 8,196.9                      | 7,552.8                      | 23.2                    | 22.9                 | -64.79                       | 44.5                          | 696.1                     | 906.1                         | 865.5                          | 40.59          | 22.324                    |          |
| 8,550.0                                                                                            | 7,939.6                      | 8,246.9                      | 7,552.7                      | 23.2                    | 22.9                 | -64.78                       | -5.5                          | 695.6                     | 906.2                         | 865.5                          | 40.72          | 22.254                    |          |
| 8,600.0                                                                                            | 7,939.7                      | 8,296.9                      | 7,552.6                      | 23.2                    | 23.0                 | -64.77                       | -55.5                         | 695.2                     | 906.3                         | 865.4                          | 40.85          | 22.185                    |          |
| 8,645.0                                                                                            | 7,939.8                      | 8,341.9                      | 7,552.6                      | 23.2                    | 23.0                 | -64.76                       | -100.5                        | 694.8                     | 906.4                         | 865.4                          | 40.99          | 22.109                    |          |
| 8,700.0                                                                                            | 7,940.0                      | 8,396.9                      | 7,552.5                      | 23.2                    | 23.1                 | -64.74                       | -155.5                        | 694.3                     | 906.4                         | 865.3                          | 41.17          | 22.017                    |          |
| 8,740.0                                                                                            | 7,940.1                      | 8,436.9                      | 7,552.5                      | 23.2                    | 23.1                 | -64.73                       | -195.5                        | 694.0                     | 906.5                         | 865.2                          | 41.32          | 21.940                    |          |
| 8,800.0                                                                                            | 7,940.2                      | 8,496.9                      | 7,552.4                      | 23.2                    | 23.2                 | -64.72                       | -255.5                        | 693.5                     | 906.6                         | 865.1                          | 41.54          | 21.824                    |          |
| 8,835.0                                                                                            | 7,940.3                      | 8,531.9                      | 7,552.3                      | 23.3                    | 23.2                 | -64.71                       | -290.5                        | 693.2                     | 906.7                         | 865.0                          | 41.69          | 21.747                    |          |
| 8,900.0                                                                                            | 7,940.5                      | 8,596.9                      | 7,552.3                      | 23.3                    | 23.3                 | -64.70                       | -355.5                        | 692.6                     | 906.8                         | 864.8                          | 41.97          | 21.606                    |          |
| 8,930.0                                                                                            | 7,940.6                      | 8,626.9                      | 7,552.2                      | 23.3                    | 23.3                 | -64.69                       | -385.5                        | 692.4                     | 906.8                         | 864.7                          | 42.11          | 21.534                    |          |
| 9,000.0                                                                                            | 7,940.8                      | 8,696.9                      | 7,552.1                      | 23.3                    | 23.4                 | -64.68                       | -455.5                        | 691.7                     | 907.0                         | 864.5                          | 42.45          | 21.367                    |          |
| 9,025.0                                                                                            | 7,940.8                      | 8,721.9                      | 7,552.1                      | 23.3                    | 23.5                 | -64.67                       | -480.5                        | 691.5                     | 907.0                         | 864.4                          | 42.58          | 21.302                    |          |
| 9,100.0                                                                                            | 7,941.0                      | 8,796.9                      | 7,552.0                      | 23.3                    | 23.6                 | -64.65                       | -555.5                        | 690.9                     | 907.1                         | 864.1                          | 42.97          | 21.108                    |          |
| 9,120.0                                                                                            | 7,941.1                      | 8,816.9                      | 7,552.0                      | 23.3                    | 23.6                 | -64.65                       | -575.5                        | 690.7                     | 907.2                         | 864.1                          | 43.09          | 21.053                    |          |
| 9,200.0                                                                                            | 7,941.3                      | 8,896.9                      | 7,551.9                      | 23.3                    | 23.8                 | -64.63                       | -655.5                        | 690.0                     | 907.3                         | 863.7                          | 43.55          | 20.833                    |          |
| 9,215.0                                                                                            | 7,941.4                      | 8,911.9                      | 7,551.9                      | 23.3                    | 23.8                 | -64.63                       | -670.5                        | 689.9                     | 907.3                         | 863.7                          | 43.64          | 20.789                    |          |
| 9,300.0                                                                                            | 7,941.6                      | 8,996.9                      | 7,551.8                      | 23.3                    | 24.0                 | -64.61                       | -755.5                        | 689.1                     | 907.5                         | 863.3                          | 44.17          | 20.544                    |          |
| 9,310.0                                                                                            | 7,941.6                      | 9,006.9                      | 7,551.8                      | 23.3                    | 24.0                 | -64.61                       | -765.5                        | 689.1                     | 907.5                         | 863.2                          | 44.24          | 20.513                    |          |
| 9,400.0                                                                                            | 7,941.9                      | 9,096.9                      | 7,551.6                      | 23.4                    | 24.2                 | -64.59                       | -855.5                        | 688.3                     | 907.6                         | 862.8                          | 44.84          | 20.242                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                             |                                                           |                             |                     |                  |                             |                 |                 |                              |                               |                                 |                      | Offset Site Error: | 0.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|-----------------------------|---------------------|------------------|-----------------------------|-----------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|----------|
| Survey Program:                                                                             |                             | 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS |                             |                     |                  |                             |                 |                 | Rule Assigned:               |                               |                                 |                      | Offset Well Error: | 3.0 usft |
| Measured<br>Depth<br>(usft)                                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft)                               | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) | Highside<br>Toolface<br>(°) | +N/-S<br>(usft) | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |          |
| 9,405.0                                                                                     | 7,941.9                     | 9,101.9                                                   | 7,551.6                     | 23.4                | 24.2             | -64.59                      | -860.5          | 688.2           | 907.6                        | 862.8                         | 44.87                           | 20.227               |                    |          |
| 9,500.0                                                                                     | 7,942.1                     | 9,196.9                                                   | 7,551.5                     | 23.4                | 24.4             | -64.56                      | -955.5          | 687.4           | 907.8                        | 862.3                         | 45.55                           | 19.931               |                    |          |
| 9,595.0                                                                                     | 7,942.4                     | 9,291.9                                                   | 7,551.4                     | 23.5                | 24.7             | -64.54                      | -1,050.5        | 686.6           | 908.0                        | 861.7                         | 46.26                           | 19.628               |                    |          |
| 9,600.0                                                                                     | 7,942.4                     | 9,296.9                                                   | 7,551.4                     | 23.5                | 24.7             | -64.54                      | -1,055.5        | 686.5           | 908.0                        | 861.7                         | 46.30                           | 19.613               |                    |          |
| 9,690.0                                                                                     | 7,942.6                     | 9,386.9                                                   | 7,551.3                     | 23.7                | 25.0             | -64.52                      | -1,145.5        | 685.8           | 908.1                        | 861.1                         | 47.00                           | 19.320               |                    |          |
| 9,700.0                                                                                     | 7,942.7                     | 9,396.9                                                   | 7,551.3                     | 23.7                | 25.0             | -64.52                      | -1,155.5        | 685.7           | 908.1                        | 861.1                         | 47.08                           | 19.288               |                    |          |
| 9,785.0                                                                                     | 7,942.9                     | 9,481.9                                                   | 7,551.2                     | 23.9                | 25.3             | -64.50                      | -1,240.5        | 684.9           | 908.3                        | 860.5                         | 47.78                           | 19.009               |                    |          |
| 9,800.0                                                                                     | 7,942.9                     | 9,496.9                                                   | 7,551.2                     | 24.0                | 25.3             | -64.50                      | -1,255.5        | 684.8           | 908.3                        | 860.4                         | 47.91                           | 18.960               |                    |          |
| 9,880.0                                                                                     | 7,943.1                     | 9,576.9                                                   | 7,551.1                     | 24.2                | 25.6             | -64.48                      | -1,335.5        | 684.1           | 908.4                        | 859.9                         | 48.59                           | 18.695               |                    |          |
| 9,900.0                                                                                     | 7,943.2                     | 9,596.9                                                   | 7,551.0                     | 24.3                | 25.7             | -64.48                      | -1,355.5        | 683.9           | 908.5                        | 859.7                         | 48.76                           | 18.630               |                    |          |
| 9,975.0                                                                                     | 7,943.4                     | 9,671.9                                                   | 7,550.9                     | 24.6                | 26.0             | -64.46                      | -1,430.5        | 683.3           | 908.6                        | 859.2                         | 49.43                           | 18.381               |                    |          |
| 10,000.0                                                                                    | 7,943.5                     | 9,696.9                                                   | 7,550.9                     | 24.7                | 26.1             | -64.45                      | -1,455.5        | 683.1           | 908.7                        | 859.0                         | 49.66                           | 18.299               |                    |          |
| 10,070.0                                                                                    | 7,943.7                     | 9,766.9                                                   | 7,550.8                     | 25.0                | 26.3             | -64.44                      | -1,525.4        | 682.5           | 908.8                        | 858.5                         | 50.30                           | 18.067               |                    |          |
| 10,100.0                                                                                    | 7,943.7                     | 9,796.9                                                   | 7,550.8                     | 25.1                | 26.4             | -64.43                      | -1,555.4        | 682.2           | 908.8                        | 858.2                         | 50.58                           | 17.969               |                    |          |
| 10,165.0                                                                                    | 7,943.9                     | 9,861.9                                                   | 7,550.7                     | 25.4                | 26.7             | -64.42                      | -1,620.4        | 681.7           | 908.9                        | 857.7                         | 51.20                           | 17.754               |                    |          |
| 10,200.0                                                                                    | 7,944.0                     | 9,896.9                                                   | 7,550.7                     | 25.6                | 26.8             | -64.41                      | -1,655.4        | 681.3           | 909.0                        | 857.5                         | 51.53                           | 17.640               |                    |          |
| 10,260.0                                                                                    | 7,944.2                     | 9,956.9                                                   | 7,550.6                     | 25.9                | 27.1             | -64.40                      | -1,715.4        | 680.8           | 909.1                        | 857.0                         | 52.12                           | 17.444               |                    |          |
| 10,300.0                                                                                    | 7,944.3                     | 9,996.9                                                   | 7,550.5                     | 26.1                | 27.3             | -64.39                      | -1,755.4        | 680.5           | 909.2                        | 856.7                         | 52.51                           | 17.315               |                    |          |
| 10,355.0                                                                                    | 7,944.4                     | 10,051.9                                                  | 7,550.5                     | 26.3                | 27.5             | -64.37                      | -1,810.4        | 680.0           | 909.3                        | 856.2                         | 53.06                           | 17.136               |                    |          |
| 10,400.0                                                                                    | 7,944.5                     | 10,096.9                                                  | 7,550.4                     | 26.6                | 27.7             | -64.36                      | -1,855.4        | 679.6           | 909.3                        | 855.8                         | 53.51                           | 16.992               |                    |          |
| 10,450.0                                                                                    | 7,944.7                     | 10,146.9                                                  | 7,550.3                     | 26.8                | 27.9             | -64.35                      | -1,905.4        | 679.2           | 909.4                        | 855.4                         | 54.03                           | 16.832               |                    |          |
| 10,500.0                                                                                    | 7,944.8                     | 10,196.9                                                  | 7,550.3                     | 27.1                | 28.2             | -64.34                      | -1,955.4        | 678.8           | 909.5                        | 855.0                         | 54.55                           | 16.674               |                    |          |
| 10,545.0                                                                                    | 7,944.9                     | 10,241.9                                                  | 7,550.2                     | 27.3                | 28.4             | -64.33                      | -2,000.4        | 678.4           | 909.6                        | 854.6                         | 55.02                           | 16.532               |                    |          |
| 10,600.0                                                                                    | 7,945.1                     | 10,296.9                                                  | 7,550.2                     | 27.6                | 28.7             | -64.32                      | -2,055.4        | 677.9           | 909.7                        | 854.1                         | 55.60                           | 16.361               |                    |          |
| 10,640.0                                                                                    | 7,945.2                     | 10,336.9                                                  | 7,550.1                     | 27.8                | 28.9             | -64.31                      | -2,095.4        | 677.5           | 909.7                        | 853.7                         | 56.03                           | 16.237               |                    |          |
| 10,700.0                                                                                    | 7,945.3                     | 10,396.9                                                  | 7,550.0                     | 28.1                | 29.1             | -64.30                      | -2,155.4        | 677.0           | 909.9                        | 853.2                         | 56.68                           | 16.054               |                    |          |
| 10,735.0                                                                                    | 7,945.4                     | 10,431.9                                                  | 7,550.0                     | 28.3                | 29.3             | -64.29                      | -2,190.4        | 676.7           | 909.9                        | 852.9                         | 57.06                           | 15.947               |                    |          |
| 10,800.0                                                                                    | 7,945.6                     | 10,496.9                                                  | 7,549.9                     | 28.6                | 29.6             | -64.27                      | -2,255.4        | 676.2           | 910.0                        | 852.2                         | 57.77                           | 15.752               |                    |          |
| 10,830.0                                                                                    | 7,945.7                     | 10,526.9                                                  | 7,549.9                     | 28.8                | 29.8             | -64.27                      | -2,285.4        | 675.9           | 910.1                        | 852.0                         | 58.11                           | 15.662               |                    |          |
| 10,900.0                                                                                    | 7,945.9                     | 10,596.9                                                  | 7,549.8                     | 29.2                | 30.2             | -64.25                      | -2,355.4        | 675.3           | 910.2                        | 851.3                         | 58.89                           | 15.456               |                    |          |
| 10,925.0                                                                                    | 7,945.9                     | 10,621.9                                                  | 7,549.8                     | 29.3                | 30.3             | -64.25                      | -2,380.4        | 675.1           | 910.2                        | 851.1                         | 59.17                           | 15.382               |                    |          |
| 11,000.0                                                                                    | 7,946.1                     | 10,696.9                                                  | 7,549.7                     | 29.7                | 30.7             | -64.23                      | -2,455.4        | 674.4           | 910.4                        | 850.3                         | 60.03                           | 15.166               |                    |          |
| 11,020.0                                                                                    | 7,946.2                     | 10,716.9                                                  | 7,549.6                     | 29.9                | 30.8             | -64.23                      | -2,475.4        | 674.2           | 910.4                        | 850.1                         | 60.26                           | 15.109               |                    |          |
| 11,100.0                                                                                    | 7,946.4                     | 10,796.9                                                  | 7,549.5                     | 30.3                | 31.2             | -64.21                      | -2,555.4        | 673.6           | 910.5                        | 849.4                         | 61.18                           | 14.883               |                    |          |
| 11,115.0                                                                                    | 7,946.5                     | 10,811.9                                                  | 7,549.5                     | 30.4                | 31.3             | -64.21                      | -2,570.4        | 673.4           | 910.6                        | 849.2                         | 61.35                           | 14.841               |                    |          |
| 11,200.0                                                                                    | 7,946.7                     | 10,896.9                                                  | 7,549.4                     | 30.9                | 31.8             | -64.19                      | -2,655.4        | 672.7           | 910.7                        | 848.4                         | 62.35                           | 14.607               |                    |          |
| 11,210.0                                                                                    | 7,946.7                     | 10,906.9                                                  | 7,549.4                     | 30.9                | 31.8             | -64.18                      | -2,665.4        | 672.6           | 910.7                        | 848.3                         | 62.47                           | 14.579               |                    |          |
| 11,300.0                                                                                    | 7,947.0                     | 10,996.9                                                  | 7,549.3                     | 31.5                | 32.3             | -64.16                      | -2,755.4        | 671.8           | 910.9                        | 847.3                         | 63.54                           | 14.337               |                    |          |
| 11,305.0                                                                                    | 7,947.0                     | 11,001.9                                                  | 7,549.3                     | 31.5                | 32.4             | -64.16                      | -2,760.4        | 671.8           | 910.9                        | 847.3                         | 63.60                           | 14.323               |                    |          |
| 11,400.0                                                                                    | 7,947.2                     | 11,096.9                                                  | 7,549.2                     | 32.1                | 32.9             | -64.14                      | -2,855.4        | 671.0           | 911.1                        | 846.3                         | 64.74                           | 14.073               |                    |          |
| 11,495.0                                                                                    | 7,947.5                     | 11,191.9                                                  | 7,549.0                     | 32.6                | 33.5             | -64.12                      | -2,950.4        | 670.1           | 911.2                        | 845.3                         | 65.89                           | 13.829               |                    |          |
| 11,500.0                                                                                    | 7,947.5                     | 11,196.9                                                  | 7,549.0                     | 32.7                | 33.5             | -64.12                      | -2,955.4        | 670.1           | 911.2                        | 845.3                         | 65.95                           | 13.817               |                    |          |
| 11,590.0                                                                                    | 7,947.7                     | 11,286.9                                                  | 7,548.9                     | 33.2                | 34.0             | -64.10                      | -3,045.4        | 669.3           | 911.4                        | 844.3                         | 67.06                           | 13.591               |                    |          |
| 11,600.0                                                                                    | 7,947.8                     | 11,296.9                                                  | 7,548.9                     | 33.3                | 34.1             | -64.10                      | -3,055.4        | 669.2           | 911.4                        | 844.2                         | 67.18                           | 13.567               |                    |          |
| 11,685.0                                                                                    | 7,948.0                     | 11,381.9                                                  | 7,548.8                     | 33.8                | 34.6             | -64.08                      | -3,140.4        | 668.5           | 911.5                        | 843.3                         | 68.23                           | 13.359               |                    |          |
| 11,700.0                                                                                    | 7,948.0                     | 11,396.9                                                  | 7,548.8                     | 33.9                | 34.7             | -64.08                      | -3,155.4        | 668.4           | 911.6                        | 843.2                         | 68.42                           | 13.323               |                    |          |
| 11,780.0                                                                                    | 7,948.2                     | 11,476.9                                                  | 7,548.7                     | 34.4                | 35.1             | -64.06                      | -3,235.4        | 667.7           | 911.7                        | 842.3                         | 69.42                           | 13.133               |                    |          |
| 11,800.0                                                                                    | 7,948.3                     | 11,496.9                                                  | 7,548.7                     | 34.5                | 35.3             | -64.05                      | -3,255.4        | 667.5           | 911.7                        | 842.1                         | 69.67                           | 13.086               |                    |          |
| 11,875.0                                                                                    | 7,948.5                     | 11,571.9                                                  | 7,548.6                     | 35.0                | 35.7             | -64.04                      | -3,330.4        | 666.8           | 911.9                        | 841.3                         | 70.62                           | 12.912               |                    |          |
| 11,900.0                                                                                    | 7,948.6                     | 11,596.9                                                  | 7,548.5                     | 35.1                | 35.9             | -64.03                      | -3,355.4        | 666.6           | 911.9                        | 841.0                         | 70.94                           | 12.856               |                    |          |
| 11,970.0                                                                                    | 7,948.7                     | 11,666.9                                                  | 7,548.5                     | 35.6                | 36.3             | -64.02                      | -3,425.4        | 666.0           | 912.0                        | 840.2                         | 71.83                           | 12.698               |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>  |                           |          |
| 12,000.0                                                                                           | 7,948.8                      | 11,696.9                     | 7,548.4                      | 35.7                    | 36.5                 | -64.01                       | -3,455.4                                   | 665.8                     | 912.1                         | 839.9                          | 72.21          | 12.631                    |          |
| 12,065.0                                                                                           | 7,949.0                      | 11,761.9                     | 7,548.3                      | 36.2                    | 36.9                 | -63.99                       | -3,520.4                                   | 665.2                     | 912.2                         | 839.2                          | 73.05          | 12.488                    |          |
| 12,100.0                                                                                           | 7,949.1                      | 11,796.9                     | 7,548.3                      | 36.4                    | 37.1                 | -63.99                       | -3,555.4                                   | 664.9                     | 912.3                         | 838.8                          | 73.49          | 12.413                    |          |
| 12,160.0                                                                                           | 7,949.3                      | 11,856.9                     | 7,548.2                      | 36.8                    | 37.5                 | -63.97                       | -3,615.4                                   | 664.4                     | 912.4                         | 838.1                          | 74.27          | 12.284                    |          |
| 12,200.0                                                                                           | 7,949.4                      | 11,896.9                     | 7,548.2                      | 37.0                    | 37.7                 | -63.96                       | -3,655.3                                   | 664.0                     | 912.4                         | 837.7                          | 74.79          | 12.200                    |          |
| 12,255.0                                                                                           | 7,949.5                      | 11,951.9                     | 7,548.1                      | 37.4                    | 38.1                 | -63.95                       | -3,710.3                                   | 663.5                     | 912.5                         | 837.0                          | 75.51          | 12.086                    |          |
| 12,300.0                                                                                           | 7,949.6                      | 11,996.9                     | 7,548.0                      | 37.7                    | 38.3                 | -63.94                       | -3,755.3                                   | 663.2                     | 912.6                         | 836.5                          | 76.09          | 11.993                    |          |
| 12,350.0                                                                                           | 7,949.8                      | 12,046.9                     | 7,548.0                      | 38.0                    | 38.7                 | -63.93                       | -3,805.3                                   | 662.7                     | 912.7                         | 836.0                          | 76.75          | 11.892                    |          |
| 12,400.0                                                                                           | 7,949.9                      | 12,096.9                     | 7,547.9                      | 38.3                    | 39.0                 | -63.92                       | -3,855.3                                   | 662.3                     | 912.8                         | 835.4                          | 77.40          | 11.792                    |          |
| 12,445.0                                                                                           | 7,950.0                      | 12,141.9                     | 7,547.9                      | 38.6                    | 39.3                 | -63.91                       | -3,900.3                                   | 661.9                     | 912.9                         | 834.9                          | 78.00          | 11.704                    |          |
| 12,500.0                                                                                           | 7,950.2                      | 12,196.9                     | 7,547.8                      | 39.0                    | 39.6                 | -63.90                       | -3,955.3                                   | 661.4                     | 913.0                         | 834.2                          | 78.73          | 11.597                    |          |
| 12,540.0                                                                                           | 7,950.3                      | 12,236.9                     | 7,547.8                      | 39.2                    | 39.9                 | -63.89                       | -3,995.3                                   | 661.1                     | 913.0                         | 833.8                          | 79.26          | 11.520                    |          |
| 12,600.0                                                                                           | 7,950.4                      | 12,296.9                     | 7,547.7                      | 39.6                    | 40.3                 | -63.88                       | -4,055.3                                   | 660.6                     | 913.1                         | 833.1                          | 80.05          | 11.407                    |          |
| 12,635.0                                                                                           | 7,950.5                      | 12,331.9                     | 7,547.6                      | 39.9                    | 40.5                 | -63.87                       | -4,090.3                                   | 660.2                     | 913.2                         | 832.7                          | 80.52          | 11.341                    |          |
| 12,700.0                                                                                           | 7,950.7                      | 12,396.9                     | 7,547.6                      | 40.3                    | 40.9                 | -63.85                       | -4,155.3                                   | 659.7                     | 913.3                         | 831.9                          | 81.39          | 11.222                    |          |
| 12,730.0                                                                                           | 7,950.8                      | 12,426.9                     | 7,547.5                      | 40.5                    | 41.1                 | -63.85                       | -4,185.3                                   | 659.4                     | 913.4                         | 831.6                          | 81.79          | 11.167                    |          |
| 12,800.0                                                                                           | 7,951.0                      | 12,496.9                     | 7,547.4                      | 40.9                    | 41.6                 | -63.83                       | -4,255.3                                   | 658.8                     | 913.5                         | 830.8                          | 82.73          | 11.042                    |          |
| 12,825.0                                                                                           | 7,951.0                      | 12,521.9                     | 7,547.4                      | 41.1                    | 41.7                 | -63.83                       | -4,280.3                                   | 658.6                     | 913.5                         | 830.5                          | 83.07          | 10.997                    |          |
| 12,900.0                                                                                           | 7,951.2                      | 12,596.9                     | 7,547.3                      | 41.6                    | 42.2                 | -63.81                       | -4,355.3                                   | 658.0                     | 913.7                         | 829.6                          | 84.08          | 10.866                    |          |
| 12,920.0                                                                                           | 7,951.3                      | 12,616.9                     | 7,547.3                      | 41.7                    | 42.4                 | -63.81                       | -4,375.3                                   | 657.8                     | 913.7                         | 829.3                          | 84.35          | 10.832                    |          |
| 13,000.0                                                                                           | 7,951.5                      | 12,696.9                     | 7,547.2                      | 42.3                    | 42.9                 | -63.79                       | -4,455.3                                   | 657.1                     | 913.8                         | 828.4                          | 85.44          | 10.696                    |          |
| 13,015.0                                                                                           | 7,951.6                      | 12,711.9                     | 7,547.2                      | 42.4                    | 43.0                 | -63.79                       | -4,470.3                                   | 657.0                     | 913.9                         | 828.2                          | 85.64          | 10.671                    |          |
| 13,100.0                                                                                           | 7,951.8                      | 12,796.9                     | 7,547.1                      | 43.0                    | 43.5                 | -63.77                       | -4,555.3                                   | 656.2                     | 914.0                         | 827.2                          | 86.80          | 10.530                    |          |
| 13,110.0                                                                                           | 7,951.8                      | 12,806.9                     | 7,547.0                      | 43.0                    | 43.6                 | -63.76                       | -4,565.3                                   | 656.1                     | 914.0                         | 827.1                          | 86.94          | 10.514                    |          |
| 13,200.0                                                                                           | 7,952.0                      | 12,896.9                     | 7,546.9                      | 43.6                    | 44.2                 | -63.74                       | -4,655.3                                   | 655.4                     | 914.2                         | 826.0                          | 88.17          | 10.369                    |          |
| 13,205.0                                                                                           | 7,952.1                      | 12,901.9                     | 7,546.9                      | 43.7                    | 44.2                 | -63.74                       | -4,660.3                                   | 655.3                     | 914.2                         | 826.0                          | 88.24          | 10.361                    |          |
| 13,300.0                                                                                           | 7,952.3                      | 12,996.9                     | 7,546.8                      | 44.3                    | 44.9                 | -63.72                       | -4,755.3                                   | 654.5                     | 914.4                         | 824.8                          | 89.54          | 10.212                    |          |
| 13,395.0                                                                                           | 7,952.6                      | 13,091.9                     | 7,546.7                      | 45.0                    | 45.5                 | -63.70                       | -4,850.3                                   | 653.7                     | 914.5                         | 823.7                          | 90.85          | 10.066                    |          |
| 13,400.0                                                                                           | 7,952.6                      | 13,096.9                     | 7,546.7                      | 45.0                    | 45.6                 | -63.70                       | -4,855.3                                   | 653.6                     | 914.5                         | 823.6                          | 90.92          | 10.059                    |          |
| 13,490.0                                                                                           | 7,952.8                      | 13,186.9                     | 7,546.6                      | 45.6                    | 46.2                 | -63.68                       | -4,945.3                                   | 652.8                     | 914.7                         | 822.5                          | 92.17          | 9.924                     |          |
| 13,500.0                                                                                           | 7,952.9                      | 13,196.9                     | 7,546.6                      | 45.7                    | 46.2                 | -63.68                       | -4,955.3                                   | 652.8                     | 914.7                         | 822.4                          | 92.30          | 9.910                     |          |
| 13,585.0                                                                                           | 7,953.1                      | 13,281.9                     | 7,546.5                      | 46.3                    | 46.8                 | -63.66                       | -5,040.3                                   | 652.0                     | 914.9                         | 821.4                          | 93.48          | 9.786                     |          |
| 13,600.0                                                                                           | 7,953.1                      | 13,296.9                     | 7,546.4                      | 46.4                    | 46.9                 | -63.66                       | -5,055.3                                   | 651.9                     | 914.9                         | 821.2                          | 93.69          | 9.765                     |          |
| 13,680.0                                                                                           | 7,953.3                      | 13,376.9                     | 7,546.3                      | 46.9                    | 47.5                 | -63.64                       | -5,135.3                                   | 651.2                     | 915.0                         | 820.2                          | 94.81          | 9.651                     |          |
| 13,700.0                                                                                           | 7,953.4                      | 13,396.9                     | 7,546.3                      | 47.1                    | 47.6                 | -63.63                       | -5,155.3                                   | 651.0                     | 915.1                         | 820.0                          | 95.09          | 9.623                     |          |
| 13,775.0                                                                                           | 7,953.6                      | 13,471.9                     | 7,546.2                      | 47.6                    | 48.1                 | -63.62                       | -5,230.3                                   | 650.4                     | 915.2                         | 819.1                          | 96.13          | 9.520                     |          |
| 13,800.0                                                                                           | 7,953.7                      | 13,496.9                     | 7,546.2                      | 47.8                    | 48.3                 | -63.61                       | -5,255.3                                   | 650.2                     | 915.2                         | 818.8                          | 96.48          | 9.486                     |          |
| 13,870.0                                                                                           | 7,953.8                      | 13,566.9                     | 7,546.1                      | 48.2                    | 48.8                 | -63.60                       | -5,325.3                                   | 649.5                     | 915.4                         | 817.9                          | 97.47          | 9.392                     |          |
| 13,900.0                                                                                           | 7,953.9                      | 13,596.9                     | 7,546.1                      | 48.4                    | 49.0                 | -63.59                       | -5,355.3                                   | 649.3                     | 915.4                         | 817.5                          | 97.89          | 9.352                     |          |
| 13,965.0                                                                                           | 7,954.1                      | 13,661.9                     | 7,546.0                      | 48.9                    | 49.4                 | -63.58                       | -5,420.3                                   | 648.7                     | 915.5                         | 816.7                          | 98.80          | 9.266                     |          |
| 14,000.0                                                                                           | 7,954.2                      | 13,696.9                     | 7,545.9                      | 49.1                    | 49.6                 | -63.57                       | -5,455.3                                   | 648.4                     | 915.6                         | 816.3                          | 99.29          | 9.221                     |          |
| 14,060.0                                                                                           | 7,954.4                      | 13,756.9                     | 7,545.9                      | 49.6                    | 50.1                 | -63.56                       | -5,515.3                                   | 647.9                     | 915.7                         | 815.6                          | 100.14         | 9.144                     |          |
| 14,100.0                                                                                           | 7,954.5                      | 13,796.9                     | 7,545.8                      | 49.8                    | 50.3                 | -63.55                       | -5,555.3                                   | 647.6                     | 915.8                         | 815.1                          | 100.70         | 9.094                     |          |
| 14,155.0                                                                                           | 7,954.6                      | 13,851.9                     | 7,545.7                      | 50.2                    | 50.7                 | -63.53                       | -5,610.3                                   | 647.1                     | 915.9                         | 814.4                          | 101.48         | 9.025                     |          |
| 14,200.0                                                                                           | 7,954.7                      | 13,896.9                     | 7,545.7                      | 50.5                    | 51.0                 | -63.52                       | -5,655.3                                   | 646.7                     | 915.9                         | 813.8                          | 102.12         | 8.970                     |          |
| 14,250.0                                                                                           | 7,954.9                      | 13,946.9                     | 7,545.6                      | 50.9                    | 51.4                 | -63.51                       | -5,705.3                                   | 646.3                     | 916.0                         | 813.2                          | 102.83         | 8.909                     |          |
| 14,300.0                                                                                           | 7,955.0                      | 13,996.9                     | 7,545.6                      | 51.2                    | 51.7                 | -63.50                       | -5,755.3                                   | 645.8                     | 916.1                         | 812.6                          | 103.53         | 8.848                     |          |
| 14,345.0                                                                                           | 7,955.1                      | 14,041.9                     | 7,545.5                      | 51.6                    | 52.0                 | -63.49                       | -5,800.3                                   | 645.4                     | 916.2                         | 812.0                          | 104.17         | 8.795                     |          |
| 14,400.0                                                                                           | 7,955.3                      | 14,096.9                     | 7,545.4                      | 51.9                    | 52.4                 | -63.48                       | -5,855.2                                   | 645.0                     | 916.3                         | 811.3                          | 104.96         | 8.730                     |          |
| 14,440.0                                                                                           | 7,955.4                      | 14,136.9                     | 7,545.4                      | 52.2                    | 52.7                 | -63.47                       | -5,895.2                                   | 644.6                     | 916.4                         | 810.8                          | 105.53         | 8.684                     |          |
| 14,500.0                                                                                           | 7,955.5                      | 14,196.9                     | 7,545.3                      | 52.7                    | 53.1                 | -63.46                       | -5,955.2                                   | 644.1                     | 916.5                         | 810.1                          | 106.38         | 8.615                     |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   |         | Offset Site Error: 0.0 usft |  |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|---------------------------|-------------------|---------|-----------------------------|--|
| Survey Program: 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS                   |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   |         | Offset Well Error: 3.0 usft |  |
| Reference                                                                                   |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Rule Assigned: Distance |                         |                           |                   | Warning |                             |  |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |         |                             |  |
| 14,535.0                                                                                    | 7,955.6               | 14,231.9              | 7,545.3               | 52.9             | 53.4          | -63.45                | -5,990.2               | 643.8        | 916.5                   | 809.7                   | 106.88                    | 8.575             |         |                             |  |
| 14,600.0                                                                                    | 7,955.8               | 14,296.9              | 7,545.2               | 53.4             | 53.8          | -63.44                | -6,055.2               | 643.2        | 916.6                   | 808.8                   | 107.81                    | 8.503             |         |                             |  |
| 14,630.0                                                                                    | 7,955.9               | 14,326.9              | 7,545.2               | 53.6             | 54.0          | -63.43                | -6,085.2               | 643.0        | 916.7                   | 808.5                   | 108.24                    | 8.469             |         |                             |  |
| 14,700.0                                                                                    | 7,956.1               | 14,396.9              | 7,545.1               | 54.1             | 54.5          | -63.42                | -6,155.2               | 642.4        | 916.8                   | 807.6                   | 109.24                    | 8.393             |         |                             |  |
| 14,725.0                                                                                    | 7,956.1               | 14,421.9              | 7,545.0               | 54.2             | 54.7          | -63.41                | -6,180.2               | 642.1        | 916.9                   | 807.3                   | 109.60                    | 8.366             |         |                             |  |
| 14,800.0                                                                                    | 7,956.3               | 14,496.9              | 7,544.9               | 54.8             | 55.2          | -63.39                | -6,255.2               | 641.5        | 917.0                   | 806.3                   | 110.67                    | 8.286             |         |                             |  |
| 14,820.0                                                                                    | 7,956.4               | 14,516.9              | 7,544.9               | 54.9             | 55.4          | -63.39                | -6,275.2               | 641.3        | 917.0                   | 806.1                   | 110.96                    | 8.265             |         |                             |  |
| 14,900.0                                                                                    | 7,956.6               | 14,596.9              | 7,544.8               | 55.5             | 55.9          | -63.37                | -6,355.2               | 640.6        | 917.2                   | 805.1                   | 112.11                    | 8.181             |         |                             |  |
| 14,915.0                                                                                    | 7,956.6               | 14,611.9              | 7,544.8               | 55.6             | 56.0          | -63.37                | -6,370.2               | 640.5        | 917.2                   | 804.9                   | 112.32                    | 8.166             |         |                             |  |
| 15,000.0                                                                                    | 7,956.9               | 14,696.9              | 7,544.7               | 56.2             | 56.6          | -63.35                | -6,455.2               | 639.8        | 917.4                   | 803.8                   | 113.55                    | 8.079             |         |                             |  |
| 15,010.0                                                                                    | 7,956.9               | 14,706.9              | 7,544.7               | 56.3             | 56.7          | -63.35                | -6,465.2               | 639.7        | 917.4                   | 803.7                   | 113.69                    | 8.069             |         |                             |  |
| 15,100.0                                                                                    | 7,957.1               | 14,796.9              | 7,544.6               | 56.9             | 57.4          | -63.33                | -6,555.2               | 638.9        | 917.5                   | 802.5                   | 114.99                    | 7.979             |         |                             |  |
| 15,105.0                                                                                    | 7,957.2               | 14,801.9              | 7,544.6               | 57.0             | 57.4          | -63.33                | -6,560.2               | 638.8        | 917.5                   | 802.5                   | 115.06                    | 7.974             |         |                             |  |
| 15,200.0                                                                                    | 7,957.4               | 14,896.9              | 7,544.4               | 57.6             | 58.1          | -63.31                | -6,655.2               | 638.0        | 917.7                   | 801.3                   | 116.43                    | 7.882             |         |                             |  |
| 15,295.0                                                                                    | 7,957.7               | 14,991.9              | 7,544.3               | 58.3             | 58.7          | -63.28                | -6,750.2               | 637.2        | 917.9                   | 800.1                   | 117.81                    | 7.791             |         |                             |  |
| 15,300.0                                                                                    | 7,957.7               | 14,996.9              | 7,544.3               | 58.4             | 58.8          | -63.28                | -6,755.2               | 637.2        | 917.9                   | 800.0                   | 117.88                    | 7.787             |         |                             |  |
| 15,390.0                                                                                    | 7,957.9               | 15,086.9              | 7,544.2               | 59.0             | 59.4          | -63.26                | -6,845.2               | 636.4        | 918.0                   | 798.9                   | 119.19                    | 7.703             |         |                             |  |
| 15,400.0                                                                                    | 7,957.9               | 15,096.9              | 7,544.2               | 59.1             | 59.5          | -63.26                | -6,855.2               | 636.3        | 918.1                   | 798.7                   | 119.33                    | 7.693             |         |                             |  |
| 15,485.0                                                                                    | 7,958.2               | 15,181.9              | 7,544.1               | 59.7             | 60.1          | -63.24                | -6,940.2               | 635.6        | 918.2                   | 797.7                   | 120.56                    | 7.616             |         |                             |  |
| 15,500.0                                                                                    | 7,958.2               | 15,196.9              | 7,544.1               | 59.8             | 60.2          | -63.24                | -6,955.2               | 635.4        | 918.2                   | 797.5                   | 120.78                    | 7.603             |         |                             |  |
| 15,580.0                                                                                    | 7,958.4               | 15,276.9              | 7,544.0               | 60.4             | 60.8          | -63.22                | -7,035.2               | 634.7        | 918.4                   | 796.4                   | 121.94                    | 7.531             |         |                             |  |
| 15,600.0                                                                                    | 7,958.5               | 15,296.9              | 7,544.0               | 60.5             | 60.9          | -63.22                | -7,055.2               | 634.6        | 918.4                   | 796.2                   | 122.24                    | 7.514             |         |                             |  |
| 15,675.0                                                                                    | 7,958.7               | 15,371.9              | 7,543.9               | 61.1             | 61.5          | -63.20                | -7,130.2               | 633.9        | 918.6                   | 795.2                   | 123.33                    | 7.448             |         |                             |  |
| 15,700.0                                                                                    | 7,958.8               | 15,396.9              | 7,543.8               | 61.2             | 61.6          | -63.20                | -7,155.2               | 633.7        | 918.6                   | 794.9                   | 123.69                    | 7.427             |         |                             |  |
| 15,770.0                                                                                    | 7,958.9               | 15,466.9              | 7,543.7               | 61.7             | 62.1          | -63.18                | -7,225.2               | 633.1        | 918.7                   | 794.0                   | 124.71                    | 7.367             |         |                             |  |
| 15,800.0                                                                                    | 7,959.0               | 15,496.9              | 7,543.7               | 62.0             | 62.4          | -63.17                | -7,255.2               | 632.8        | 918.8                   | 793.6                   | 125.15                    | 7.341             |         |                             |  |
| 15,865.0                                                                                    | 7,959.2               | 15,561.9              | 7,543.6               | 62.4             | 62.8          | -63.16                | -7,320.2               | 632.3        | 918.9                   | 792.8                   | 126.10                    | 7.287             |         |                             |  |
| 15,900.0                                                                                    | 7,959.3               | 15,596.9              | 7,543.6               | 62.7             | 63.1          | -63.15                | -7,355.2               | 632.0        | 919.0                   | 792.3                   | 126.61                    | 7.258             |         |                             |  |
| 15,960.0                                                                                    | 7,959.5               | 15,656.9              | 7,543.5               | 63.1             | 63.5          | -63.14                | -7,415.2               | 631.4        | 919.1                   | 791.6                   | 127.49                    | 7.209             |         |                             |  |
| 16,000.0                                                                                    | 7,959.6               | 15,696.9              | 7,543.5               | 63.4             | 63.8          | -63.13                | -7,455.2               | 631.1        | 919.1                   | 791.1                   | 128.07                    | 7.177             |         |                             |  |
| 16,055.0                                                                                    | 7,959.7               | 15,751.9              | 7,543.4               | 63.8             | 64.2          | -63.12                | -7,510.2               | 630.6        | 919.2                   | 790.4                   | 128.88                    | 7.133             |         |                             |  |
| 16,100.0                                                                                    | 7,959.8               | 15,796.9              | 7,543.3               | 64.1             | 64.5          | -63.11                | -7,555.2               | 630.2        | 919.3                   | 789.8                   | 129.53                    | 7.097             |         |                             |  |
| 16,150.0                                                                                    | 7,960.0               | 15,846.9              | 7,543.3               | 64.5             | 64.9          | -63.10                | -7,605.2               | 629.8        | 919.4                   | 789.1                   | 130.27                    | 7.058             |         |                             |  |
| 16,200.0                                                                                    | 7,960.1               | 15,896.9              | 7,543.2               | 64.9             | 65.2          | -63.09                | -7,655.2               | 629.4        | 919.5                   | 788.5                   | 131.00                    | 7.019             |         |                             |  |
| 16,245.0                                                                                    | 7,960.2               | 15,941.9              | 7,543.2               | 65.2             | 65.6          | -63.08                | -7,700.2               | 629.0        | 919.6                   | 787.9                   | 131.66                    | 6.984             |         |                             |  |
| 16,300.0                                                                                    | 7,960.4               | 15,996.9              | 7,543.1               | 65.6             | 66.0          | -63.07                | -7,755.2               | 628.5        | 919.7                   | 787.2                   | 132.47                    | 6.943             |         |                             |  |
| 16,340.0                                                                                    | 7,960.5               | 16,036.9              | 7,543.0               | 65.9             | 66.2          | -63.06                | -7,795.2               | 628.1        | 919.7                   | 786.7                   | 133.05                    | 6.913             |         |                             |  |
| 16,400.0                                                                                    | 7,960.6               | 16,096.9              | 7,543.0               | 66.3             | 66.7          | -63.04                | -7,855.2               | 627.6        | 919.8                   | 785.9                   | 133.94                    | 6.868             |         |                             |  |
| 16,435.0                                                                                    | 7,960.7               | 16,131.9              | 7,542.9               | 66.6             | 66.9          | -63.04                | -7,890.2               | 627.3        | 919.9                   | 785.5                   | 134.45                    | 6.842             |         |                             |  |
| 16,500.0                                                                                    | 7,960.9               | 16,196.9              | 7,542.8               | 67.0             | 67.4          | -63.02                | -7,955.2               | 626.8        | 920.0                   | 784.6                   | 135.41                    | 6.795             |         |                             |  |
| 16,530.0                                                                                    | 7,961.0               | 16,226.9              | 7,542.8               | 67.3             | 67.6          | -63.02                | -7,985.1               | 626.5        | 920.1                   | 784.2                   | 135.85                    | 6.773             |         |                             |  |
| 16,600.0                                                                                    | 7,961.2               | 16,296.9              | 7,542.7               | 67.8             | 68.1          | -63.00                | -8,055.1               | 625.9        | 920.2                   | 783.3                   | 136.88                    | 6.723             |         |                             |  |
| 16,625.0                                                                                    | 7,961.2               | 16,321.9              | 7,542.7               | 67.9             | 68.3          | -63.00                | -8,080.1               | 625.7        | 920.3                   | 783.0                   | 137.25                    | 6.705             |         |                             |  |
| 16,700.0                                                                                    | 7,961.4               | 16,396.9              | 7,542.6               | 68.5             | 68.9          | -62.98                | -8,155.1               | 625.0        | 920.4                   | 782.0                   | 138.35                    | 6.653             |         |                             |  |
| 16,720.0                                                                                    | 7,961.5               | 16,416.9              | 7,542.6               | 68.6             | 69.0          | -62.97                | -8,175.1               | 624.9        | 920.4                   | 781.8                   | 138.65                    | 6.639             |         |                             |  |
| 16,800.0                                                                                    | 7,961.7               | 16,496.9              | 7,542.5               | 69.2             | 69.6          | -62.96                | -8,255.1               | 624.2        | 920.6                   | 780.7                   | 139.83                    | 6.584             |         |                             |  |
| 16,815.0                                                                                    | 7,961.7               | 16,511.9              | 7,542.4               | 69.3             | 69.7          | -62.95                | -8,270.1               | 624.0        | 920.6                   | 780.5                   | 140.05                    | 6.573             |         |                             |  |
| 16,900.0                                                                                    | 7,962.0               | 16,596.9              | 7,542.3               | 70.0             | 70.3          | -62.94                | -8,355.1               | 623.3        | 920.7                   | 779.4                   | 141.30                    | 6.516             |         |                             |  |
| 16,910.0                                                                                    | 7,962.0               | 16,606.9              | 7,542.3               | 70.0             | 70.4          | -62.93                | -8,365.1               | 623.2        | 920.8                   | 779.3                   | 141.45                    | 6.509             |         |                             |  |
| 17,000.0                                                                                    | 7,962.2               | 16,696.9              | 7,542.2               | 70.7             | 71.0          | -62.91                | -8,455.1               | 622.4        | 920.9                   | 778.1                   | 142.78                    | 6.450             |         |                             |  |
| 17,005.0                                                                                    | 7,962.3               | 16,701.9              | 7,542.2               | 70.7             | 71.1          | -62.91                | -8,460.1               | 622.4        | 920.9                   | 778.1                   | 142.85                    | 6.447             |         |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                       |                                                           |                       |                  |               |                       |              |              |                        |                          |                           |                   | Offset Site Error: | 0.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|-----------------------|------------------|---------------|-----------------------|--------------|--------------|------------------------|--------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program:                                                                             |                       | 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS |                       |                  |               |                       |              |              |                        | Rule Assigned:           |                           |                   | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft)                                     | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Distance Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning            |          |
| 17,100.0                                                                                    | 7,962.5               | 16,796.8                                                  | 7,542.1               | 71.4             | 71.8          | -62.89                | -8,555.1     | 621.6        | 921.1                  | 776.8                    | 144.26                    | 6.385             |                    |          |
| 17,195.0                                                                                    | 7,962.8               | 16,891.8                                                  | 7,542.0               | 72.1             | 72.5          | -62.87                | -8,650.1     | 620.7        | 921.3                  | 775.6                    | 145.67                    | 6.325             |                    |          |
| 17,200.0                                                                                    | 7,962.8               | 16,896.8                                                  | 7,542.0               | 72.2             | 72.5          | -62.87                | -8,655.1     | 620.7        | 921.3                  | 775.5                    | 145.74                    | 6.321             |                    |          |
| 17,290.0                                                                                    | 7,963.0               | 16,986.8                                                  | 7,541.9               | 72.8             | 73.2          | -62.85                | -8,745.1     | 619.9        | 921.5                  | 774.4                    | 147.07                    | 6.265             |                    |          |
| 17,300.0                                                                                    | 7,963.0               | 16,996.8                                                  | 7,541.8               | 72.9             | 73.2          | -62.85                | -8,755.1     | 619.8        | 921.5                  | 774.2                    | 147.22                    | 6.259             |                    |          |
| 17,385.0                                                                                    | 7,963.3               | 17,081.8                                                  | 7,541.7               | 73.5             | 73.9          | -62.83                | -8,840.1     | 619.1        | 921.6                  | 773.1                    | 148.48                    | 6.207             |                    |          |
| 17,400.0                                                                                    | 7,963.3               | 17,096.8                                                  | 7,541.7               | 73.6             | 74.0          | -62.83                | -8,855.1     | 619.0        | 921.6                  | 772.9                    | 148.70                    | 6.198             |                    |          |
| 17,480.0                                                                                    | 7,963.5               | 17,176.8                                                  | 7,541.6               | 74.2             | 74.5          | -62.81                | -8,935.1     | 618.3        | 921.8                  | 771.9                    | 149.89                    | 6.150             |                    |          |
| 17,500.0                                                                                    | 7,963.6               | 17,196.8                                                  | 7,541.6               | 74.4             | 74.7          | -62.81                | -8,955.1     | 618.1        | 921.8                  | 771.6                    | 150.19                    | 6.138             |                    |          |
| 17,575.0                                                                                    | 7,963.8               | 17,271.8                                                  | 7,541.5               | 74.9             | 75.2          | -62.79                | -9,030.1     | 617.4        | 922.0                  | 770.7                    | 151.30                    | 6.094             |                    |          |
| 17,600.0                                                                                    | 7,963.9               | 17,296.8                                                  | 7,541.5               | 75.1             | 75.4          | -62.78                | -9,055.1     | 617.2        | 922.0                  | 770.3                    | 151.67                    | 6.079             |                    |          |
| 17,670.0                                                                                    | 7,964.0               | 17,366.8                                                  | 7,541.4               | 75.6             | 75.9          | -62.77                | -9,125.1     | 616.6        | 922.1                  | 769.4                    | 152.71                    | 6.038             |                    |          |
| 17,700.0                                                                                    | 7,964.1               | 17,396.8                                                  | 7,541.3               | 75.8             | 76.2          | -62.76                | -9,155.1     | 616.4        | 922.2                  | 769.0                    | 153.16                    | 6.021             |                    |          |
| 17,765.0                                                                                    | 7,964.3               | 17,461.8                                                  | 7,541.3               | 76.3             | 76.6          | -62.75                | -9,220.1     | 615.8        | 922.3                  | 768.2                    | 154.13                    | 5.984             |                    |          |
| 17,800.0                                                                                    | 7,964.4               | 17,496.8                                                  | 7,541.2               | 76.6             | 76.9          | -62.74                | -9,255.1     | 615.5        | 922.4                  | 767.7                    | 154.65                    | 5.964             |                    |          |
| 17,860.0                                                                                    | 7,964.5               | 17,556.8                                                  | 7,541.1               | 77.0             | 77.3          | -62.73                | -9,315.1     | 615.0        | 922.5                  | 766.9                    | 155.54                    | 5.931             |                    |          |
| 17,900.0                                                                                    | 7,964.7               | 17,596.8                                                  | 7,541.1               | 77.3             | 77.6          | -62.72                | -9,355.1     | 614.6        | 922.6                  | 766.4                    | 156.14                    | 5.909             |                    |          |
| 17,955.0                                                                                    | 7,964.8               | 17,651.8                                                  | 7,541.0               | 77.7             | 78.0          | -62.71                | -9,410.1     | 614.1        | 922.7                  | 765.7                    | 156.95                    | 5.878             |                    |          |
| 18,000.0                                                                                    | 7,964.9               | 17,696.8                                                  | 7,541.0               | 78.0             | 78.4          | -62.70                | -9,455.1     | 613.8        | 922.7                  | 765.1                    | 157.62                    | 5.854             |                    |          |
| 18,050.0                                                                                    | 7,965.1               | 17,746.8                                                  | 7,540.9               | 78.4             | 78.7          | -62.69                | -9,505.1     | 613.3        | 922.8                  | 764.5                    | 158.37                    | 5.827             |                    |          |
| 18,100.0                                                                                    | 7,965.2               | 17,796.8                                                  | 7,540.8               | 78.8             | 79.1          | -62.68                | -9,555.1     | 612.9        | 922.9                  | 763.8                    | 159.12                    | 5.800             |                    |          |
| 18,145.0                                                                                    | 7,965.3               | 17,841.8                                                  | 7,540.8               | 79.1             | 79.4          | -62.67                | -9,600.1     | 612.5        | 923.0                  | 763.2                    | 159.79                    | 5.776             |                    |          |
| 18,200.0                                                                                    | 7,965.5               | 17,896.8                                                  | 7,540.7               | 79.5             | 79.8          | -62.65                | -9,655.1     | 612.0        | 923.1                  | 762.5                    | 160.61                    | 5.748             |                    |          |
| 18,240.0                                                                                    | 7,965.6               | 17,936.8                                                  | 7,540.7               | 79.8             | 80.1          | -62.65                | -9,695.1     | 611.7        | 923.2                  | 762.0                    | 161.20                    | 5.727             |                    |          |
| 18,300.0                                                                                    | 7,965.7               | 17,996.8                                                  | 7,540.6               | 80.3             | 80.6          | -62.63                | -9,755.1     | 611.2        | 923.3                  | 761.2                    | 162.10                    | 5.696             |                    |          |
| 18,335.0                                                                                    | 7,965.8               | 18,031.8                                                  | 7,540.6               | 80.5             | 80.8          | -62.63                | -9,790.1     | 610.9        | 923.3                  | 760.7                    | 162.62                    | 5.678             |                    |          |
| 18,400.0                                                                                    | 7,966.0               | 18,096.8                                                  | 7,540.5               | 81.0             | 81.3          | -62.61                | -9,855.1     | 610.3        | 923.5                  | 759.9                    | 163.59                    | 5.645             |                    |          |
| 18,430.0                                                                                    | 7,966.1               | 18,126.8                                                  | 7,540.4               | 81.2             | 81.5          | -62.60                | -9,885.1     | 610.0        | 923.5                  | 759.5                    | 164.04                    | 5.630             |                    |          |
| 18,500.0                                                                                    | 7,966.3               | 18,196.8                                                  | 7,540.4               | 81.7             | 82.1          | -62.59                | -9,955.1     | 609.4        | 923.6                  | 758.6                    | 165.09                    | 5.595             |                    |          |
| 18,525.0                                                                                    | 7,966.3               | 18,221.8                                                  | 7,540.3               | 81.9             | 82.2          | -62.58                | -9,980.1     | 609.2        | 923.7                  | 758.2                    | 165.46                    | 5.583             |                    |          |
| 18,600.0                                                                                    | 7,966.5               | 18,296.8                                                  | 7,540.2               | 82.5             | 82.8          | -62.57                | -10,055.1    | 608.6        | 923.8                  | 757.2                    | 166.58                    | 5.546             |                    |          |
| 18,620.0                                                                                    | 7,966.6               | 18,316.8                                                  | 7,540.2               | 82.6             | 82.9          | -62.56                | -10,075.1    | 608.4        | 923.9                  | 757.0                    | 166.88                    | 5.536             |                    |          |
| 18,700.0                                                                                    | 7,966.8               | 18,396.8                                                  | 7,540.1               | 83.2             | 83.5          | -62.55                | -10,155.0    | 607.7        | 924.0                  | 755.9                    | 168.08                    | 5.497             |                    |          |
| 18,715.0                                                                                    | 7,966.8               | 18,411.8                                                  | 7,540.1               | 83.3             | 83.6          | -62.54                | -10,170.0    | 607.6        | 924.0                  | 755.7                    | 168.30                    | 5.490             |                    |          |
| 18,800.0                                                                                    | 7,967.1               | 18,496.8                                                  | 7,540.0               | 84.0             | 84.3          | -62.52                | -10,255.0    | 606.8        | 924.2                  | 754.6                    | 169.57                    | 5.450             |                    |          |
| 18,810.0                                                                                    | 7,967.1               | 18,506.8                                                  | 7,540.0               | 84.0             | 84.3          | -62.52                | -10,265.0    | 606.7        | 924.2                  | 754.5                    | 169.72                    | 5.445             |                    |          |
| 18,900.0                                                                                    | 7,967.3               | 18,596.8                                                  | 7,539.9               | 84.7             | 85.0          | -62.50                | -10,355.0    | 606.0        | 924.4                  | 753.3                    | 171.07                    | 5.403             |                    |          |
| 18,905.0                                                                                    | 7,967.4               | 18,601.8                                                  | 7,539.9               | 84.7             | 85.0          | -62.50                | -10,360.0    | 605.9        | 924.4                  | 753.2                    | 171.15                    | 5.401             |                    |          |
| 19,000.0                                                                                    | 7,967.6               | 18,696.8                                                  | 7,539.7               | 85.5             | 85.7          | -62.48                | -10,455.0    | 605.1        | 924.6                  | 752.0                    | 172.57                    | 5.358             |                    |          |
| 19,095.0                                                                                    | 7,967.9               | 18,791.8                                                  | 7,539.6               | 86.2             | 86.5          | -62.46                | -10,550.0    | 604.3        | 924.7                  | 750.7                    | 173.99                    | 5.315             |                    |          |
| 19,100.0                                                                                    | 7,967.9               | 18,796.8                                                  | 7,539.6               | 86.2             | 86.5          | -62.46                | -10,555.0    | 604.2        | 924.7                  | 750.7                    | 174.07                    | 5.312             |                    |          |
| 19,190.0                                                                                    | 7,968.1               | 18,886.8                                                  | 7,539.5               | 86.9             | 87.2          | -62.44                | -10,645.0    | 603.4        | 924.9                  | 749.5                    | 175.42                    | 5.273             |                    |          |
| 19,200.0                                                                                    | 7,968.1               | 18,896.8                                                  | 7,539.5               | 86.9             | 87.2          | -62.44                | -10,655.0    | 603.4        | 924.9                  | 749.4                    | 175.57                    | 5.268             |                    |          |
| 19,285.0                                                                                    | 7,968.4               | 18,981.8                                                  | 7,539.4               | 87.6             | 87.9          | -62.42                | -10,740.0    | 602.6        | 925.1                  | 748.2                    | 176.85                    | 5.231             |                    |          |
| 19,300.0                                                                                    | 7,968.4               | 18,996.8                                                  | 7,539.4               | 87.7             | 88.0          | -62.42                | -10,755.0    | 602.5        | 925.1                  | 748.0                    | 177.07                    | 5.224             |                    |          |
| 19,380.0                                                                                    | 7,968.6               | 19,076.8                                                  | 7,539.3               | 88.3             | 88.6          | -62.40                | -10,835.0    | 601.8        | 925.2                  | 747.0                    | 178.27                    | 5.190             |                    |          |
| 19,400.0                                                                                    | 7,968.7               | 19,096.8                                                  | 7,539.2               | 88.4             | 88.7          | -62.40                | -10,855.0    | 601.6        | 925.3                  | 746.7                    | 178.57                    | 5.182             |                    |          |
| 19,475.0                                                                                    | 7,968.9               | 19,171.8                                                  | 7,539.1               | 89.0             | 89.3          | -62.38                | -10,930.0    | 601.0        | 925.4                  | 745.7                    | 179.70                    | 5.150             |                    |          |
| 19,500.0                                                                                    | 7,968.9               | 19,196.8                                                  | 7,539.1               | 89.2             | 89.5          | -62.37                | -10,955.0    | 600.8        | 925.5                  | 745.4                    | 180.07                    | 5.139             |                    |          |
| 19,570.0                                                                                    | 7,969.1               | 19,266.8                                                  | 7,539.0               | 89.7             | 90.0          | -62.36                | -11,025.0    | 600.2        | 925.6                  | 744.5                    | 181.13                    | 5.110             |                    |          |
| 19,600.0                                                                                    | 7,969.2               | 19,296.8                                                  | 7,539.0               | 89.9             | 90.2          | -62.35                | -11,055.0    | 599.9        | 925.7                  | 744.1                    | 181.58                    | 5.098             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                 |                 |                 |                 |        |                        |           |        |                    |                    |                      |            | Offset Site Error: | 0.0 usft |
|---------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|--------|------------------------|-----------|--------|--------------------|--------------------|----------------------|------------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS                   |                 |                 |                 | Rule Assigned:  |        |                        |           |        | Offset Well Error: |                    |                      |            | 3.0 usft           |          |
| Reference                                                                                   |                 | Offset          |                 | Semi Major Axis |        | Offset Wellbore Centre |           |        | Distance           |                    |                      |            | Warning            |          |
| Measured                                                                                    | Vertical        | Measured        | Vertical        | Reference       | Offset | Highside               | +N/-S     | +E/-W  | Between            | Between            | Minimum              | Separation |                    |          |
| Depth<br>(usft)                                                                             | Depth<br>(usft) | Depth<br>(usft) | Depth<br>(usft) | (usft)          | (usft) | Toolface<br>(°)        | (usft)    | (usft) | Centres<br>(usft)  | Ellipses<br>(usft) | Separation<br>(usft) | Factor     |                    |          |
| 19,665.0                                                                                    | 7,969.4         | 19,361.8        | 7,538.9         | 90.4            | 90.7   | -62.34                 | -11,120.0 | 599.3  | 925.8              | 743.2              | 182.55               | 5.071      |                    |          |
| 19,700.0                                                                                    | 7,969.5         | 19,396.8        | 7,538.9         | 90.7            | 90.9   | -62.33                 | -11,155.0 | 599.0  | 925.8              | 742.8              | 183.08               | 5.057      |                    |          |
| 19,760.0                                                                                    | 7,969.6         | 19,456.8        | 7,538.8         | 91.1            | 91.4   | -62.32                 | -11,215.0 | 598.5  | 925.9              | 742.0              | 183.98               | 5.033      |                    |          |
| 19,800.0                                                                                    | 7,969.8         | 19,496.8        | 7,538.7         | 91.4            | 91.7   | -62.31                 | -11,255.0 | 598.2  | 926.0              | 741.4              | 184.58               | 5.017      |                    |          |
| 19,855.0                                                                                    | 7,969.9         | 19,551.8        | 7,538.7         | 91.8            | 92.1   | -62.30                 | -11,310.0 | 597.7  | 926.1              | 740.7              | 185.41               | 4.995      |                    |          |
| 19,900.0                                                                                    | 7,970.0         | 19,596.8        | 7,538.6         | 92.2            | 92.4   | -62.29                 | -11,355.0 | 597.3  | 926.2              | 740.1              | 186.09               | 4.977      |                    |          |
| 19,950.0                                                                                    | 7,970.2         | 19,646.8        | 7,538.6         | 92.5            | 92.8   | -62.28                 | -11,405.0 | 596.9  | 926.3              | 739.5              | 186.84               | 4.958      |                    |          |
| 20,000.0                                                                                    | 7,970.3         | 19,696.8        | 7,538.5         | 92.9            | 93.2   | -62.27                 | -11,455.0 | 596.4  | 926.4              | 738.8              | 187.59               | 4.938      |                    |          |
| 20,045.0                                                                                    | 7,970.4         | 19,741.8        | 7,538.4         | 93.2            | 93.5   | -62.26                 | -11,500.0 | 596.0  | 926.5              | 738.2              | 188.27               | 4.921      |                    |          |
| 20,100.0                                                                                    | 7,970.6         | 19,796.8        | 7,538.4         | 93.6            | 93.9   | -62.25                 | -11,555.0 | 595.6  | 926.6              | 737.5              | 189.10               | 4.900      |                    |          |
| 20,140.0                                                                                    | 7,970.7         | 19,836.8        | 7,538.3         | 93.9            | 94.2   | -62.24                 | -11,595.0 | 595.2  | 926.6              | 736.9              | 189.70               | 4.885      |                    |          |
| 20,200.0                                                                                    | 7,970.8         | 19,896.8        | 7,538.2         | 94.4            | 94.7   | -62.22                 | -11,655.0 | 594.7  | 926.8              | 736.1              | 190.61               | 4.862      |                    |          |
| 20,235.0                                                                                    | 7,970.9         | 19,931.8        | 7,538.2         | 94.7            | 94.9   | -62.22                 | -11,690.0 | 594.4  | 926.8              | 735.7              | 191.13               | 4.849      |                    |          |
| 20,300.0                                                                                    | 7,971.1         | 19,996.8        | 7,538.1         | 95.1            | 95.4   | -62.20                 | -11,755.0 | 593.8  | 926.9              | 734.8              | 192.11               | 4.825      |                    |          |
| 20,330.0                                                                                    | 7,971.2         | 20,026.8        | 7,538.1         | 95.4            | 95.6   | -62.20                 | -11,785.0 | 593.6  | 927.0              | 734.4              | 192.57               | 4.814      |                    |          |
| 20,400.0                                                                                    | 7,971.4         | 20,096.8        | 7,538.0         | 95.9            | 96.2   | -62.18                 | -11,855.0 | 593.0  | 927.1              | 733.5              | 193.62               | 4.788      |                    |          |
| 20,425.0                                                                                    | 7,971.4         | 20,121.8        | 7,538.0         | 96.1            | 96.3   | -62.18                 | -11,880.0 | 592.7  | 927.2              | 733.2              | 194.00               | 4.779      |                    |          |
| 20,500.0                                                                                    | 7,971.6         | 20,196.8        | 7,537.9         | 96.6            | 96.9   | -62.16                 | -11,955.0 | 592.1  | 927.3              | 732.2              | 195.13               | 4.752      |                    |          |
| 20,520.0                                                                                    | 7,971.7         | 20,216.8        | 7,537.8         | 96.8            | 97.0   | -62.16                 | -11,975.0 | 591.9  | 927.3              | 731.9              | 195.43               | 4.745      |                    |          |
| 20,600.0                                                                                    | 7,971.9         | 20,296.8        | 7,537.7         | 97.4            | 97.6   | -62.14                 | -12,055.0 | 591.2  | 927.5              | 730.9              | 196.64               | 4.717      |                    |          |
| 20,615.0                                                                                    | 7,971.9         | 20,311.8        | 7,537.7         | 97.5            | 97.8   | -62.14                 | -12,070.0 | 591.1  | 927.5              | 730.7              | 196.86               | 4.711      |                    |          |
| 20,700.0                                                                                    | 7,972.2         | 20,396.8        | 7,537.6         | 98.1            | 98.4   | -62.12                 | -12,155.0 | 590.4  | 927.7              | 729.5              | 198.15               | 4.682      |                    |          |
| 20,710.0                                                                                    | 7,972.2         | 20,406.8        | 7,537.6         | 98.2            | 98.5   | -62.12                 | -12,165.0 | 590.3  | 927.7              | 729.4              | 198.30               | 4.678      |                    |          |
| 20,800.0                                                                                    | 7,972.4         | 20,496.8        | 7,537.5         | 98.9            | 99.1   | -62.10                 | -12,255.0 | 589.5  | 927.9              | 728.2              | 199.66               | 4.647      |                    |          |
| 20,805.0                                                                                    | 7,972.4         | 20,501.8        | 7,537.5         | 98.9            | 99.2   | -62.09                 | -12,260.0 | 589.5  | 927.9              | 728.1              | 199.73               | 4.646      |                    |          |
| 20,900.0                                                                                    | 7,972.7         | 20,596.8        | 7,537.4         | 99.6            | 99.9   | -62.07                 | -12,354.9 | 588.6  | 928.0              | 726.9              | 201.17               | 4.613      |                    |          |
| 20,995.0                                                                                    | 7,973.0         | 20,691.8        | 7,537.3         | 100.3           | 100.6  | -62.05                 | -12,449.9 | 587.8  | 928.2              | 725.6              | 202.60               | 4.581      |                    |          |
| 21,000.0                                                                                    | 7,973.0         | 20,696.8        | 7,537.3         | 100.4           | 100.6  | -62.05                 | -12,454.9 | 587.8  | 928.2              | 725.6              | 202.68               | 4.580      |                    |          |
| 21,090.0                                                                                    | 7,973.2         | 20,786.8        | 7,537.1         | 101.0           | 101.3  | -62.03                 | -12,544.9 | 587.0  | 928.4              | 724.4              | 204.04               | 4.550      |                    |          |
| 21,100.0                                                                                    | 7,973.2         | 20,796.8        | 7,537.1         | 101.1           | 101.4  | -62.03                 | -12,554.9 | 586.9  | 928.4              | 724.2              | 204.19               | 4.547      |                    |          |
| 21,185.0                                                                                    | 7,973.5         | 20,881.8        | 7,537.0         | 101.8           | 102.0  | -62.01                 | -12,639.9 | 586.2  | 928.6              | 723.1              | 205.48               | 4.519      |                    |          |
| 21,200.0                                                                                    | 7,973.5         | 20,896.8        | 7,537.0         | 101.9           | 102.1  | -62.01                 | -12,654.9 | 586.0  | 928.6              | 722.9              | 205.70               | 4.514      |                    |          |
| 21,280.0                                                                                    | 7,973.7         | 20,976.8        | 7,536.9         | 102.5           | 102.7  | -61.99                 | -12,734.9 | 585.3  | 928.8              | 721.8              | 206.91               | 4.489      |                    |          |
| 21,300.0                                                                                    | 7,973.8         | 20,996.8        | 7,536.9         | 102.6           | 102.9  | -61.99                 | -12,754.9 | 585.2  | 928.8              | 721.6              | 207.21               | 4.482      |                    |          |
| 21,375.0                                                                                    | 7,974.0         | 21,071.8        | 7,536.8         | 103.2           | 103.4  | -61.97                 | -12,829.9 | 584.5  | 928.9              | 720.6              | 208.35               | 4.459      |                    |          |
| 21,400.0                                                                                    | 7,974.0         | 21,096.8        | 7,536.8         | 103.4           | 103.6  | -61.97                 | -12,854.9 | 584.3  | 929.0              | 720.2              | 208.73               | 4.451      |                    |          |
| 21,470.0                                                                                    | 7,974.2         | 21,166.8        | 7,536.7         | 103.9           | 104.1  | -61.95                 | -12,924.9 | 583.7  | 929.1              | 719.3              | 209.79               | 4.429      |                    |          |
| 21,500.0                                                                                    | 7,974.3         | 21,196.8        | 7,536.6         | 104.1           | 104.4  | -61.95                 | -12,954.9 | 583.4  | 929.2              | 718.9              | 210.24               | 4.420      |                    |          |
| 21,565.0                                                                                    | 7,974.5         | 21,261.8        | 7,536.5         | 104.6           | 104.9  | -61.93                 | -13,019.9 | 582.9  | 929.3              | 718.1              | 211.22               | 4.400      |                    |          |
| 21,600.0                                                                                    | 7,974.6         | 21,296.8        | 7,536.5         | 104.9           | 105.1  | -61.93                 | -13,054.9 | 582.6  | 929.3              | 717.6              | 211.75               | 4.389      |                    |          |
| 21,660.0                                                                                    | 7,974.7         | 21,356.8        | 7,536.4         | 105.3           | 105.6  | -61.91                 | -13,114.9 | 582.0  | 929.5              | 716.8              | 212.66               | 4.371      |                    |          |
| 21,700.0                                                                                    | 7,974.9         | 21,396.8        | 7,536.4         | 105.6           | 105.9  | -61.90                 | -13,154.9 | 581.7  | 929.5              | 716.3              | 213.27               | 4.359      |                    |          |
| 21,755.0                                                                                    | 7,975.0         | 21,451.8        | 7,536.3         | 106.0           | 106.3  | -61.89                 | -13,209.9 | 581.2  | 929.6              | 715.5              | 214.10               | 4.342      |                    |          |
| 21,800.0                                                                                    | 7,975.1         | 21,496.8        | 7,536.3         | 106.4           | 106.6  | -61.88                 | -13,254.9 | 580.8  | 929.7              | 714.9              | 214.78               | 4.329      |                    |          |
| 21,850.0                                                                                    | 7,975.3         | 21,546.8        | 7,536.2         | 106.7           | 107.0  | -61.87                 | -13,304.9 | 580.4  | 929.8              | 714.3              | 215.54               | 4.314      |                    |          |
| 21,900.0                                                                                    | 7,975.4         | 21,596.8        | 7,536.1         | 107.1           | 107.4  | -61.86                 | -13,354.9 | 580.0  | 929.9              | 713.6              | 216.30               | 4.299      |                    |          |
| 21,945.0                                                                                    | 7,975.5         | 21,641.8        | 7,536.1         | 107.5           | 107.7  | -61.85                 | -13,399.9 | 579.6  | 930.0              | 713.0              | 216.98               | 4.286      |                    |          |
| 22,000.0                                                                                    | 7,975.7         | 21,696.8        | 7,536.0         | 107.9           | 108.1  | -61.84                 | -13,454.9 | 579.1  | 930.1              | 712.3              | 217.81               | 4.270      |                    |          |
| 22,040.0                                                                                    | 7,975.8         | 21,736.8        | 7,536.0         | 108.2           | 108.4  | -61.83                 | -13,494.9 | 578.8  | 930.2              | 711.7              | 218.42               | 4.259      |                    |          |
| 22,100.0                                                                                    | 7,975.9         | 21,796.8        | 7,535.9         | 108.6           | 108.9  | -61.82                 | -13,554.9 | 578.2  | 930.3              | 711.0              | 219.33               | 4.241      |                    |          |
| 22,135.0                                                                                    | 7,976.0         | 21,831.8        | 7,535.8         | 108.9           | 109.1  | -61.81                 | -13,589.9 | 577.9  | 930.3              | 710.5              | 219.86               | 4.232      |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #503H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7106-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>             |          |
| 22,200.0                                                                                           | 7,976.2                      | 21,896.8                     | 7,535.8                      | 109.4                   | 109.6                | -61.80                       | -13,654.9                                  | 577.4                     | 930.5                         | 709.6                          | 220.84                    | 4.213    |
| 22,230.0                                                                                           | 7,976.3                      | 21,926.8                     | 7,535.7                      | 109.6                   | 109.8                | -61.79                       | -13,684.9                                  | 577.1                     | 930.5                         | 709.2                          | 221.30                    | 4.205    |
| 22,300.0                                                                                           | 7,976.5                      | 21,996.8                     | 7,535.6                      | 110.1                   | 110.4                | -61.78                       | -13,754.9                                  | 576.5                     | 930.7                         | 708.3                          | 222.36                    | 4.185    |
| 22,325.0                                                                                           | 7,976.5                      | 22,021.8                     | 7,535.6                      | 110.3                   | 110.5                | -61.77                       | -13,779.9                                  | 576.3                     | 930.7                         | 708.0                          | 222.74                    | 4.178    |
| 22,400.0                                                                                           | 7,976.7                      | 22,096.8                     | 7,535.5                      | 110.9                   | 111.1                | -61.76                       | -13,854.9                                  | 575.6                     | 930.8                         | 707.0                          | 223.88                    | 4.158    |
| 22,420.0                                                                                           | 7,976.8                      | 22,116.8                     | 7,535.5                      | 111.0                   | 111.3                | -61.75                       | -13,874.9                                  | 575.5                     | 930.9                         | 706.7                          | 224.18                    | 4.152    |
| 22,500.0                                                                                           | 7,977.0                      | 22,196.8                     | 7,535.4                      | 111.6                   | 111.9                | -61.73                       | -13,954.9                                  | 574.8                     | 931.0                         | 705.6                          | 225.39                    | 4.131    |
| 22,515.0                                                                                           | 7,977.0                      | 22,211.8                     | 7,535.4                      | 111.7                   | 112.0                | -61.73                       | -13,969.9                                  | 574.6                     | 931.1                         | 705.4                          | 225.62                    | 4.127    |
| 22,600.0                                                                                           | 7,977.3                      | 22,296.8                     | 7,535.3                      | 112.4                   | 112.6                | -61.71                       | -14,054.9                                  | 573.9                     | 931.2                         | 704.3                          | 226.91                    | 4.104    |
| 22,610.0                                                                                           | 7,977.3                      | 22,306.8                     | 7,535.3                      | 112.5                   | 112.7                | -61.71                       | -14,064.9                                  | 573.8                     | 931.2                         | 704.2                          | 227.06                    | 4.101    |
| 22,700.0                                                                                           | 7,977.5                      | 22,396.8                     | 7,535.1                      | 113.1                   | 113.4                | -61.69                       | -14,154.9                                  | 573.0                     | 931.4                         | 703.0                          | 228.43                    | 4.077    |
| 22,705.0                                                                                           | 7,977.5                      | 22,401.8                     | 7,535.1                      | 113.2                   | 113.4                | -61.69                       | -14,159.9                                  | 573.0                     | 931.4                         | 702.9                          | 228.51                    | 4.076    |
| 22,800.0                                                                                           | 7,977.8                      | 22,496.8                     | 7,535.0                      | 113.9                   | 114.1                | -61.67                       | -14,254.9                                  | 572.2                     | 931.6                         | 701.6                          | 229.95                    | 4.051    |
| 22,895.0                                                                                           | 7,978.1                      | 22,591.8                     | 7,534.9                      | 114.6                   | 114.8                | -61.65                       | -14,349.9                                  | 571.3                     | 931.8                         | 700.4                          | 231.39                    | 4.027    |
| 22,900.0                                                                                           | 7,978.1                      | 22,596.8                     | 7,534.9                      | 114.6                   | 114.9                | -61.65                       | -14,354.9                                  | 571.3                     | 931.8                         | 700.3                          | 231.47                    | 4.026    |
| 22,990.0                                                                                           | 7,978.3                      | 22,686.8                     | 7,534.8                      | 115.3                   | 115.5                | -61.63                       | -14,444.9                                  | 570.5                     | 931.9                         | 699.1                          | 232.83                    | 4.003    |
| 23,000.0                                                                                           | 7,978.3                      | 22,696.8                     | 7,534.8                      | 115.4                   | 115.6                | -61.63                       | -14,454.9                                  | 570.4                     | 932.0                         | 699.0                          | 232.99                    | 4.000    |
| 23,085.0                                                                                           | 7,978.6                      | 22,781.8                     | 7,534.7                      | 116.0                   | 116.3                | -61.61                       | -14,539.8                                  | 569.7                     | 932.1                         | 697.8                          | 234.28                    | 3.979    |
| 23,100.0                                                                                           | 7,978.6                      | 22,796.8                     | 7,534.6                      | 116.1                   | 116.4                | -61.61                       | -14,554.8                                  | 569.6                     | 932.2                         | 697.6                          | 234.51                    | 3.975    |
| 23,180.0                                                                                           | 7,978.8                      | 22,876.8                     | 7,534.5                      | 116.7                   | 117.0                | -61.59                       | -14,634.8                                  | 568.9                     | 932.3                         | 696.6                          | 235.72                    | 3.955    |
| 23,200.0                                                                                           | 7,978.9                      | 22,896.8                     | 7,534.5                      | 116.9                   | 117.1                | -61.59                       | -14,654.8                                  | 568.7                     | 932.3                         | 696.3                          | 236.03                    | 3.950    |
| 23,275.0                                                                                           | 7,979.1                      | 22,971.8                     | 7,534.4                      | 117.5                   | 117.7                | -61.57                       | -14,729.8                                  | 568.0                     | 932.5                         | 695.3                          | 237.17                    | 3.932    |
| 23,300.0                                                                                           | 7,979.1                      | 22,996.8                     | 7,534.4                      | 117.6                   | 117.9                | -61.56                       | -14,754.8                                  | 567.8                     | 932.5                         | 695.0                          | 237.54                    | 3.926    |
| 23,370.0                                                                                           | 7,979.3                      | 23,066.8                     | 7,534.3                      | 118.2                   | 118.4                | -61.55                       | -14,824.8                                  | 567.2                     | 932.7                         | 694.1                          | 238.61                    | 3.909    |
| 23,400.0                                                                                           | 7,979.4                      | 23,096.8                     | 7,534.3                      | 118.4                   | 118.6                | -61.54                       | -14,854.8                                  | 567.0                     | 932.7                         | 693.7                          | 239.07                    | 3.902    |
| 23,465.0                                                                                           | 7,979.6                      | 23,161.8                     | 7,534.2                      | 118.9                   | 119.1                | -61.53                       | -14,919.8                                  | 566.4                     | 932.8                         | 692.8                          | 240.05                    | 3.886    |
| 23,500.0                                                                                           | 7,979.7                      | 23,196.8                     | 7,534.1                      | 119.2                   | 119.4                | -61.52                       | -14,954.8                                  | 566.1                     | 932.9                         | 692.3                          | 240.59                    | 3.878    |
| 23,560.0                                                                                           | 7,979.8                      | 23,256.8                     | 7,534.1                      | 119.6                   | 119.8                | -61.51                       | -15,014.8                                  | 565.6                     | 933.0                         | 691.5                          | 241.50                    | 3.863    |
| 23,569.6                                                                                           | 7,979.9                      | 23,266.4                     | 7,534.1                      | 119.7                   | 119.9                | -61.51                       | -15,024.5                                  | 565.5                     | 933.0                         | 691.4                          | 241.64                    | 3.861    |
| 23,600.0                                                                                           | 7,979.9                      | 23,296.8                     | 7,534.0                      | 119.9                   | 120.1                | -61.50                       | -15,054.8                                  | 565.2                     | 933.1                         | 691.0                          | 242.11                    | 3.854    |
| 23,619.6                                                                                           | 7,980.0                      | 23,316.1                     | 7,534.0                      | 120.1                   | 120.3                | -61.50                       | -15,074.1                                  | 565.1                     | 933.1                         | 690.7                          | 242.40                    | 3.850 SF |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                                  |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation Factor</b>       |                                  | <b>Warning</b>           |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                           |          |
| 0.0                                                                                                | 0.0                          | 0.2                          | 0.2                          | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          |                                |                                  |                          |                           |          |
| 95.0                                                                                               | 95.0                         | 95.2                         | 95.2                         | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.00                             | 5.001                    |                           |          |
| 100.0                                                                                              | 100.0                        | 100.2                        | 100.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.00                             | 5.001                    |                           |          |
| 190.0                                                                                              | 190.0                        | 190.2                        | 190.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.00                             | 4.999                    |                           |          |
| 200.0                                                                                              | 200.0                        | 200.2                        | 200.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.00                             | 4.998                    |                           |          |
| 285.0                                                                                              | 285.0                        | 285.2                        | 285.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.01                             | 4.994                    |                           |          |
| 300.0                                                                                              | 300.0                        | 300.2                        | 300.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.01                             | 4.993                    |                           |          |
| 380.0                                                                                              | 380.0                        | 380.2                        | 380.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.02                             | 4.987                    |                           |          |
| 400.0                                                                                              | 400.0                        | 400.2                        | 400.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.02                             | 4.986                    |                           |          |
| 475.0                                                                                              | 475.0                        | 475.2                        | 475.2                        | 3.0                     | 3.0                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.03                             | 4.978                    |                           |          |
| 500.0                                                                                              | 500.0                        | 500.2                        | 500.2                        | 3.1                     | 3.1                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.03                             | 4.975                    |                           |          |
| 570.0                                                                                              | 570.0                        | 570.2                        | 570.2                        | 3.1                     | 3.1                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.04                             | 4.966                    |                           |          |
| 600.0                                                                                              | 600.0                        | 600.2                        | 600.2                        | 3.1                     | 3.1                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 24.0                           | 6.05                             | 4.962                    |                           |          |
| 665.0                                                                                              | 665.0                        | 665.2                        | 665.2                        | 3.1                     | 3.1                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.06                             | 4.953                    |                           |          |
| 700.0                                                                                              | 700.0                        | 700.2                        | 700.2                        | 3.1                     | 3.1                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.07                             | 4.947                    |                           |          |
| 760.0                                                                                              | 760.0                        | 760.2                        | 760.2                        | 3.1                     | 3.1                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.08                             | 4.936                    |                           |          |
| 800.0                                                                                              | 800.0                        | 800.2                        | 800.2                        | 3.2                     | 3.2                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.09                             | 4.929                    |                           |          |
| 855.0                                                                                              | 855.0                        | 855.2                        | 855.2                        | 3.2                     | 3.2                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.10                             | 4.918                    |                           |          |
| 900.0                                                                                              | 900.0                        | 900.2                        | 900.2                        | 3.2                     | 3.2                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.11                             | 4.909                    |                           |          |
| 950.0                                                                                              | 950.0                        | 950.2                        | 950.2                        | 3.2                     | 3.2                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.13                             | 4.898                    |                           |          |
| 1,000.0                                                                                            | 1,000.0                      | 1,000.2                      | 1,000.2                      | 3.2                     | 3.2                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.9                           | 6.14                             | 4.886                    |                           |          |
| 1,045.0                                                                                            | 1,045.0                      | 1,045.2                      | 1,045.2                      | 3.3                     | 3.3                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.8                           | 6.15                             | 4.875                    |                           |          |
| 1,100.0                                                                                            | 1,100.0                      | 1,100.2                      | 1,100.2                      | 3.3                     | 3.3                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.8                           | 6.17                             | 4.862                    |                           |          |
| 1,140.0                                                                                            | 1,140.0                      | 1,140.2                      | 1,140.2                      | 3.3                     | 3.3                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.8                           | 6.19                             | 4.851                    |                           |          |
| 1,200.0                                                                                            | 1,200.0                      | 1,200.2                      | 1,200.2                      | 3.4                     | 3.4                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.8                           | 6.21                             | 4.835                    |                           |          |
| 1,235.0                                                                                            | 1,235.0                      | 1,235.2                      | 1,235.2                      | 3.4                     | 3.4                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.8                           | 6.22                             | 4.825                    |                           |          |
| 1,300.0                                                                                            | 1,300.0                      | 1,300.2                      | 1,300.2                      | 3.4                     | 3.4                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.8                           | 6.24                             | 4.806                    |                           |          |
| 1,330.0                                                                                            | 1,330.0                      | 1,330.2                      | 1,330.2                      | 3.4                     | 3.4                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.7                           | 6.25                             | 4.797                    |                           |          |
| 1,400.0                                                                                            | 1,400.0                      | 1,400.2                      | 1,400.2                      | 3.5                     | 3.5                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.7                           | 6.28                             | 4.775                    |                           |          |
| 1,425.0                                                                                            | 1,425.0                      | 1,425.2                      | 1,425.2                      | 3.5                     | 3.5                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.7                           | 6.29                             | 4.767                    |                           |          |
| 1,500.0                                                                                            | 1,500.0                      | 1,500.2                      | 1,500.2                      | 3.5                     | 3.5                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.7                           | 6.33                             | 4.743                    |                           |          |
| 1,520.0                                                                                            | 1,520.0                      | 1,520.2                      | 1,520.2                      | 3.6                     | 3.6                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.7                           | 6.33                             | 4.736                    |                           |          |
| 1,600.0                                                                                            | 1,600.0                      | 1,600.2                      | 1,600.2                      | 3.6                     | 3.6                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.6                           | 6.37                             | 4.709                    |                           |          |
| 1,615.0                                                                                            | 1,615.0                      | 1,615.2                      | 1,615.2                      | 3.6                     | 3.6                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.6                           | 6.38                             | 4.704                    |                           |          |
| 1,700.0                                                                                            | 1,700.0                      | 1,700.2                      | 1,700.2                      | 3.7                     | 3.7                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.6                           | 6.42                             | 4.674                    |                           |          |
| 1,710.0                                                                                            | 1,710.0                      | 1,710.2                      | 1,710.2                      | 3.7                     | 3.7                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.6                           | 6.42                             | 4.670                    |                           |          |
| 1,800.0                                                                                            | 1,800.0                      | 1,800.2                      | 1,800.2                      | 3.8                     | 3.8                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.5                           | 6.47                             | 4.637                    |                           |          |
| 1,805.0                                                                                            | 1,805.0                      | 1,805.2                      | 1,805.2                      | 3.8                     | 3.8                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.5                           | 6.47                             | 4.635                    |                           |          |
| 1,900.0                                                                                            | 1,900.0                      | 1,900.2                      | 1,900.2                      | 3.9                     | 3.9                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.5                           | 6.52                             | 4.599                    |                           |          |
| 1,995.0                                                                                            | 1,995.0                      | 1,995.2                      | 1,995.2                      | 3.9                     | 3.9                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.4                           | 6.58                             | 4.561                    |                           |          |
| 1,995.3                                                                                            | 1,995.3                      | 1,995.5                      | 1,995.5                      | 3.9                     | 3.9                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.4                           | 6.58                             | 4.561 CC                 |                           |          |
| 2,000.0                                                                                            | 2,000.0                      | 2,000.0                      | 2,000.0                      | 3.9                     | 3.9                  | -90.95                       | -0.5                                       | -30.0                     | 30.0                          | 23.4                           | 6.58                             | 4.560 ES                 |                           |          |
| 2,090.0                                                                                            | 2,090.0                      | 2,089.7                      | 2,089.6                      | 4.1                     | 4.1                  | -82.92                       | 0.6                                        | -30.8                     | 30.6                          | 24.0                           | 6.64                             | 4.612                    |                           |          |
| 2,100.0                                                                                            | 2,100.0                      | 2,099.6                      | 2,099.6                      | 4.2                     | 4.1                  | -83.03                       | 0.9                                        | -31.0                     | 30.8                          | 24.1                           | 6.65                             | 4.630                    |                           |          |
| 2,185.0                                                                                            | 2,184.9                      | 2,184.0                      | 2,183.9                      | 4.7                     | 4.7                  | -84.28                       | 4.3                                        | -33.5                     | 32.7                          | 25.9                           | 6.81                             | 4.801                    |                           |          |
| 2,200.0                                                                                            | 2,199.8                      | 2,198.9                      | 2,198.8                      | 4.8                     | 4.8                  | -84.56                       | 5.1                                        | -34.1                     | 33.1                          | 26.3                           | 6.83                             | 4.848                    |                           |          |
| 2,280.0                                                                                            | 2,279.6                      | 2,278.4                      | 2,277.9                      | 5.3                     | 5.3                  | -86.22                       | 10.4                                       | -38.0                     | 36.2                          | 29.1                           | 7.03                             | 5.145                    |                           |          |
| 2,300.0                                                                                            | 2,299.5                      | 2,298.2                      | 2,297.7                      | 5.4                     | 5.4                  | -86.67                       | 12.0                                       | -39.2                     | 37.1                          | 30.0                           | 7.08                             | 5.239                    |                           |          |
| 2,375.0                                                                                            | 2,373.9                      | 2,372.6                      | 2,371.5                      | 5.9                     | 5.8                  | -88.38                       | 19.0                                       | -44.3                     | 41.1                          | 33.8                           | 7.31                             | 5.626                    |                           |          |
| 2,400.0                                                                                            | 2,398.7                      | 2,397.4                      | 2,396.1                      | 6.0                     | 6.0                  | -88.95                       | 21.7                                       | -46.3                     | 42.7                          | 35.3                           | 7.39                             | 5.773                    |                           |          |
| 2,470.0                                                                                            | 2,467.9                      | 2,466.7                      | 2,464.6                      | 6.4                     | 6.3                  | -90.49                       | 30.1                                       | -52.4                     | 47.6                          | 39.9                           | 7.66                             | 6.213                    |                           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                       |                       |                       |                  |               |                        |                       |                                     |              |                                 |                         |                           | <b>Offset Site Error:</b> | 0.0 usft |
|----------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|-----------------------|-------------------------------------|--------------|---------------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                       |                       |                       |                  |               |                        |                       |                                     |              |                                 |                         |                           | <b>Offset Well Error:</b> | 3.0 usft |
| Measured Depth (usft)                                                                              | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Semi Major Axis (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Distance Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor         | Warning  |
| 2,500.0                                                                                            | 2,497.5               | 2,496.3               | 2,493.9               | 6.6              | 6.5           | -91.11                 |                       | 34.1                                | -55.4        | 49.9                            | 42.1                    | 7.78                      | 6.419                     |          |
| 2,550.1                                                                                            | 2,546.7               | 2,545.8               | 2,542.5               | 6.7              | 6.8           | -92.09                 |                       | 41.3                                | -60.7        | 54.2                            | 46.2                    | 7.98                      | 6.791                     |          |
| 2,565.0                                                                                            | 2,561.4               | 2,560.6               | 2,557.0               | 6.7              | 6.8           | -92.36                 |                       | 43.6                                | -62.3        | 55.5                            | 47.5                    | 8.04                      | 6.908                     |          |
| 2,600.0                                                                                            | 2,595.7               | 2,595.1               | 2,590.9               | 6.7              | 7.0           | -92.67                 |                       | 49.2                                | -66.4        | 58.8                            | 50.6                    | 8.17                      | 7.194                     |          |
| 2,660.0                                                                                            | 2,654.6               | 2,654.3               | 2,648.6               | 6.8              | 7.3           | -92.34                 |                       | 59.5                                | -74.0        | 64.8                            | 56.4                    | 8.42                      | 7.698                     |          |
| 2,700.0                                                                                            | 2,693.9               | 2,693.7               | 2,686.9               | 6.9              | 7.5           | -91.64                 |                       | 66.9                                | -79.4        | 69.2                            | 60.6                    | 8.59                      | 8.050                     |          |
| 2,755.0                                                                                            | 2,747.9               | 2,748.2               | 2,739.8               | 7.0              | 7.7           | -90.47                 |                       | 77.5                                | -87.2        | 75.3                            | 66.5                    | 8.84                      | 8.519                     |          |
| 2,800.0                                                                                            | 2,792.0               | 2,792.9               | 2,783.2               | 7.1              | 7.8           | -89.64                 |                       | 86.2                                | -93.6        | 80.4                            | 71.4                    | 9.06                      | 8.878                     |          |
| 2,850.0                                                                                            | 2,841.1               | 2,842.6               | 2,831.4               | 7.1              | 7.9           | -88.83                 |                       | 95.9                                | -100.8       | 86.1                            | 76.8                    | 9.31                      | 9.244                     |          |
| 2,900.0                                                                                            | 2,890.2               | 2,892.3               | 2,879.6               | 7.2              | 8.0           | -88.13                 |                       | 105.6                               | -107.9       | 91.7                            | 82.2                    | 9.57                      | 9.585                     |          |
| 2,945.0                                                                                            | 2,934.4               | 2,937.0               | 2,923.0               | 7.3              | 8.1           | -87.56                 |                       | 114.3                               | -114.3       | 96.9                            | 87.0                    | 9.82                      | 9.868                     |          |
| 3,000.0                                                                                            | 2,988.4               | 2,991.6               | 2,976.0               | 7.4              | 8.2           | -86.95                 |                       | 125.0                               | -122.1       | 103.1                           | 93.0                    | 10.12                     | 10.191                    |          |
| 3,040.0                                                                                            | 3,027.6               | 3,031.3               | 3,014.5               | 7.5              | 8.2           | -86.55                 |                       | 132.7                               | -127.8       | 107.7                           | 97.3                    | 10.35                     | 10.409                    |          |
| 3,100.0                                                                                            | 3,086.5               | 3,090.9               | 3,072.4               | 7.7              | 8.4           | -86.00                 |                       | 144.4                               | -136.3       | 114.5                           | 103.8                   | 10.69                     | 10.714                    |          |
| 3,135.0                                                                                            | 3,120.9               | 3,125.7               | 3,106.1               | 7.7              | 8.4           | -85.72                 |                       | 151.1                               | -141.3       | 118.5                           | 107.6                   | 10.90                     | 10.878                    |          |
| 3,200.0                                                                                            | 3,184.7               | 3,190.2               | 3,168.7               | 7.9              | 8.6           | -85.23                 |                       | 163.7                               | -150.5       | 126.0                           | 114.7                   | 11.28                     | 11.164                    |          |
| 3,230.0                                                                                            | 3,214.1               | 3,220.0               | 3,197.7               | 8.0              | 8.7           | -85.03                 |                       | 169.5                               | -154.8       | 129.4                           | 117.9                   | 11.47                     | 11.287                    |          |
| 3,300.0                                                                                            | 3,282.8               | 3,289.6               | 3,265.1               | 8.1              | 8.8           | -84.59                 |                       | 183.1                               | -164.7       | 137.4                           | 125.5                   | 11.89                     | 11.555                    |          |
| 3,325.0                                                                                            | 3,307.4               | 3,314.4               | 3,289.2               | 8.2              | 8.9           | -84.44                 |                       | 187.9                               | -168.3       | 140.3                           | 128.2                   | 12.05                     | 11.644                    |          |
| 3,400.0                                                                                            | 3,381.0               | 3,388.9               | 3,361.5               | 8.4              | 9.1           | -84.04                 |                       | 202.5                               | -178.9       | 148.9                           | 136.4                   | 12.52                     | 11.894                    |          |
| 3,420.0                                                                                            | 3,400.6               | 3,408.8               | 3,380.8               | 8.4              | 9.1           | -83.94                 |                       | 206.4                               | -181.8       | 151.2                           | 138.6                   | 12.65                     | 11.956                    |          |
| 3,500.0                                                                                            | 3,479.2               | 3,488.2               | 3,457.9               | 8.7              | 9.3           | -83.57                 |                       | 221.9                               | -193.2       | 160.4                           | 147.2                   | 13.16                     | 12.189                    |          |
| 3,515.0                                                                                            | 3,493.9               | 3,503.1               | 3,472.3               | 8.7              | 9.3           | -83.51                 |                       | 224.8                               | -195.3       | 162.1                           | 148.9                   | 13.25                     | 12.231                    |          |
| 3,600.0                                                                                            | 3,577.3               | 3,587.6               | 3,554.3               | 8.9              | 9.6           | -83.17                 |                       | 241.2                               | -207.4       | 171.9                           | 158.1                   | 13.81                     | 12.448                    |          |
| 3,610.0                                                                                            | 3,587.1               | 3,597.5               | 3,563.9               | 9.0              | 9.6           | -83.13                 |                       | 243.2                               | -208.8       | 173.0                           | 159.2                   | 13.87                     | 12.472                    |          |
| 3,700.0                                                                                            | 3,675.5               | 3,686.9               | 3,650.6               | 9.2              | 9.8           | -82.81                 |                       | 260.6                               | -221.6       | 183.4                           | 168.9                   | 14.47                     | 12.676                    |          |
| 3,705.0                                                                                            | 3,680.4               | 3,691.9               | 3,655.5               | 9.2              | 9.8           | -82.80                 |                       | 261.6                               | -222.3       | 184.0                           | 169.5                   | 14.50                     | 12.686                    |          |
| 3,800.0                                                                                            | 3,773.7               | 3,786.2               | 3,747.0               | 9.5              | 10.1          | -82.50                 |                       | 280.0                               | -235.8       | 194.9                           | 179.7                   | 15.14                     | 12.876                    |          |
| 3,895.0                                                                                            | 3,866.9               | 3,880.6               | 3,838.6               | 9.8              | 10.4          | -82.24                 |                       | 298.4                               | -249.3       | 205.8                           | 190.0                   | 15.78                     | 13.045                    |          |
| 3,900.0                                                                                            | 3,871.8               | 3,885.6               | 3,843.4               | 9.8              | 10.4          | -82.23                 |                       | 299.3                               | -250.0       | 206.4                           | 190.6                   | 15.81                     | 13.054                    |          |
| 3,990.0                                                                                            | 3,960.2               | 3,975.0               | 3,930.1               | 10.1             | 10.7          | -82.00                 |                       | 316.8                               | -262.8       | 216.8                           | 200.3                   | 16.42                     | 13.197                    |          |
| 4,000.0                                                                                            | 3,970.0               | 3,984.9               | 3,939.8               | 10.1             | 10.7          | -81.98                 |                       | 318.7                               | -264.2       | 217.9                           | 201.4                   | 16.49                     | 13.212                    |          |
| 4,085.0                                                                                            | 4,053.4               | 4,069.3               | 4,021.7               | 10.3             | 10.9          | -81.79                 |                       | 335.2                               | -276.3       | 227.7                           | 210.6                   | 17.08                     | 13.333                    |          |
| 4,100.0                                                                                            | 4,068.1               | 4,084.2               | 4,036.2               | 10.4             | 11.0          | -81.75                 |                       | 338.1                               | -278.5       | 229.4                           | 212.2                   | 17.18                     | 13.353                    |          |
| 4,180.0                                                                                            | 4,146.7               | 4,163.7               | 4,113.3               | 10.6             | 11.2          | -81.59                 |                       | 353.6                               | -289.8       | 238.6                           | 220.9                   | 17.74                     | 13.455                    |          |
| 4,200.0                                                                                            | 4,166.3               | 4,183.6               | 4,132.5               | 10.7             | 11.3          | -81.55                 |                       | 357.5                               | -292.7       | 240.9                           | 223.1                   | 17.88                     | 13.479                    |          |
| 4,275.0                                                                                            | 4,239.9               | 4,258.1               | 4,204.8               | 10.9             | 11.5          | -81.41                 |                       | 372.0                               | -303.3       | 249.6                           | 231.2                   | 18.40                     | 13.565                    |          |
| 4,300.0                                                                                            | 4,264.5               | 4,282.9               | 4,228.9               | 11.0             | 11.6          | -81.37                 |                       | 376.8                               | -306.9       | 252.5                           | 233.9                   | 18.57                     | 13.592                    |          |
| 4,370.0                                                                                            | 4,333.2               | 4,352.4               | 4,296.4               | 11.2             | 11.8          | -81.25                 |                       | 390.4                               | -316.8       | 260.5                           | 241.5                   | 19.07                     | 13.665                    |          |
| 4,400.0                                                                                            | 4,362.6               | 4,382.2               | 4,325.3               | 11.3             | 11.9          | -81.20                 |                       | 396.2                               | -321.1       | 264.0                           | 244.7                   | 19.28                     | 13.695                    |          |
| 4,465.0                                                                                            | 4,426.4               | 4,446.8               | 4,387.9               | 11.5             | 12.1          | -81.10                 |                       | 408.8                               | -330.4       | 271.5                           | 251.8                   | 19.74                     | 13.756                    |          |
| 4,500.0                                                                                            | 4,460.8               | 4,481.5               | 4,421.7               | 11.6             | 12.2          | -81.05                 |                       | 415.6                               | -335.3       | 275.5                           | 255.5                   | 19.98                     | 13.787                    |          |
| 4,560.0                                                                                            | 4,519.7               | 4,541.1               | 4,479.5               | 11.8             | 12.4          | -80.96                 |                       | 427.2                               | -343.9       | 282.4                           | 262.0                   | 20.41                     | 13.838                    |          |
| 4,600.0                                                                                            | 4,559.0               | 4,580.9               | 4,518.1               | 12.0             | 12.5          | -80.91                 |                       | 435.0                               | -349.5       | 287.1                           | 266.4                   | 20.69                     | 13.871                    |          |
| 4,655.0                                                                                            | 4,612.9               | 4,635.5               | 4,571.1               | 12.1             | 12.7          | -80.83                 |                       | 445.6                               | -357.4       | 293.4                           | 272.3                   | 21.09                     | 13.914                    |          |
| 4,700.0                                                                                            | 4,657.1               | 4,680.2               | 4,614.4               | 12.3             | 12.9          | -80.78                 |                       | 454.3                               | -363.8       | 298.6                           | 277.2                   | 21.41                     | 13.947                    |          |
| 4,750.0                                                                                            | 4,706.2               | 4,729.9               | 4,662.6               | 12.5             | 13.0          | -80.71                 |                       | 464.0                               | -370.9       | 304.4                           | 282.6                   | 21.77                     | 13.983                    |          |
| 4,800.0                                                                                            | 4,755.3               | 4,779.5               | 4,710.8               | 12.6             | 13.2          | -80.66                 |                       | 473.7                               | -378.0       | 310.1                           | 288.0                   | 22.12                     | 14.017                    |          |
| 4,845.0                                                                                            | 4,799.4               | 4,824.2               | 4,754.2               | 12.8             | 13.3          | -80.60                 |                       | 482.4                               | -384.4       | 315.3                           | 292.9                   | 22.45                     | 14.046                    |          |
| 4,900.0                                                                                            | 4,853.4               | 4,878.9               | 4,807.2               | 13.0             | 13.5          | -80.54                 |                       | 493.1                               | -392.2       | 321.7                           | 298.8                   | 22.84                     | 14.081                    |          |
| 4,940.0                                                                                            | 4,892.7               | 4,918.6               | 4,845.8               | 13.1             | 13.7          | -80.50                 |                       | 500.8                               | -397.9       | 326.3                           | 303.1                   | 23.13                     | 14.105                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                       |                                                           |                       |                  |               |                       |              |                |                        |                             |                           |                   |         | Offset Site Error: 0.0 usft |  |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|-----------------------|------------------|---------------|-----------------------|--------------|----------------|------------------------|-----------------------------|---------------------------|-------------------|---------|-----------------------------|--|
| Survey Program: Reference                                                                   |                       | 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS |                       |                  |               |                       |              | Rule Assigned: |                        | Offset Well Error: 3.0 usft |                           |                   |         |                             |  |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft)                                     | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft)   | Between Centres (usft) | Distance Ellipses (usft)    | Minimum Separation (usft) | Separation Factor | Warning |                             |  |
| 5,000.0                                                                                     | 4,951.6               | 4,978.2                                                   | 4,903.6               | 13.3             | 13.9          | -80.44                | 512.5        | -406.4         | 333.2                  | 309.6                       | 23.57                     | 14.139            |         |                             |  |
| 5,035.0                                                                                     | 4,986.0               | 5,013.0                                                   | 4,937.3               | 13.4             | 14.0          | -80.40                | 519.2        | -411.4         | 337.2                  | 313.4                       | 23.82                     | 14.159            |         |                             |  |
| 5,100.0                                                                                     | 5,049.8               | 5,077.5                                                   | 5,000.0               | 13.6             | 14.2          | -80.34                | 531.8        | -420.6         | 344.7                  | 320.4                       | 24.29                     | 14.193            |         |                             |  |
| 5,130.0                                                                                     | 5,079.2               | 5,107.3                                                   | 5,028.9               | 13.7             | 14.3          | -80.31                | 537.6        | -424.9         | 348.2                  | 323.7                       | 24.51                     | 14.208            |         |                             |  |
| 5,200.0                                                                                     | 5,147.9               | 5,176.9                                                   | 5,096.3               | 14.0             | 14.5          | -80.25                | 551.2        | -434.8         | 356.3                  | 331.3                       | 25.01                     | 14.242            |         |                             |  |
| 5,225.0                                                                                     | 5,172.5               | 5,201.7                                                   | 5,120.4               | 14.1             | 14.6          | -80.23                | 556.1        | -438.4         | 359.2                  | 334.0                       | 25.20                     | 14.254            |         |                             |  |
| 5,300.0                                                                                     | 5,246.1               | 5,276.2                                                   | 5,192.7               | 14.3             | 14.9          | -80.17                | 570.6        | -449.1         | 367.8                  | 342.1                       | 25.74                     | 14.288            |         |                             |  |
| 5,320.0                                                                                     | 5,265.7               | 5,296.1                                                   | 5,212.0               | 14.4             | 14.9          | -80.15                | 574.5        | -451.9         | 370.1                  | 344.2                       | 25.89                     | 14.297            |         |                             |  |
| 5,400.0                                                                                     | 5,344.2               | 5,375.5                                                   | 5,289.1               | 14.7             | 15.2          | -80.09                | 590.0        | -463.3         | 379.3                  | 352.9                       | 26.47                     | 14.330            |         |                             |  |
| 5,415.0                                                                                     | 5,359.0               | 5,390.4                                                   | 5,303.6               | 14.7             | 15.3          | -80.07                | 592.9        | -465.4         | 381.1                  | 354.5                       | 26.58                     | 14.336            |         |                             |  |
| 5,500.0                                                                                     | 5,442.4               | 5,474.9                                                   | 5,385.5               | 15.0             | 15.6          | -80.01                | 609.3        | -477.5         | 390.9                  | 363.7                       | 27.20                     | 14.370            |         |                             |  |
| 5,510.0                                                                                     | 5,452.2               | 5,484.8                                                   | 5,395.1               | 15.0             | 15.6          | -80.00                | 611.3        | -478.9         | 392.0                  | 364.8                       | 27.28                     | 14.373            |         |                             |  |
| 5,600.0                                                                                     | 5,540.6               | 5,574.2                                                   | 5,481.9               | 15.4             | 15.9          | -79.94                | 628.7        | -491.7         | 402.4                  | 374.5                       | 27.93                     | 14.406            |         |                             |  |
| 5,605.0                                                                                     | 5,545.5               | 5,579.1                                                   | 5,486.7               | 15.4             | 15.9          | -79.94                | 629.7        | -492.4         | 403.0                  | 375.0                       | 27.97                     | 14.408            |         |                             |  |
| 5,700.0                                                                                     | 5,638.7               | 5,673.5                                                   | 5,578.2               | 15.7             | 16.3          | -79.87                | 648.1        | -505.9         | 414.0                  | 385.3                       | 28.67                     | 14.440            |         |                             |  |
| 5,795.0                                                                                     | 5,732.0               | 5,767.9                                                   | 5,669.8               | 16.0             | 16.6          | -79.81                | 666.5        | -519.4         | 424.9                  | 395.6                       | 29.37                     | 14.470            |         |                             |  |
| 5,800.0                                                                                     | 5,736.9               | 5,772.8                                                   | 5,674.6               | 16.1             | 16.6          | -79.81                | 667.5        | -520.1         | 425.5                  | 396.1                       | 29.40                     | 14.471            |         |                             |  |
| 5,889.3                                                                                     | 5,824.6               | 5,861.6                                                   | 5,760.7               | 16.4             | 16.9          | -79.76                | 684.8        | -532.8         | 435.8                  | 405.8                       | 30.06                     | 14.499            |         |                             |  |
| 5,890.0                                                                                     | 5,825.2               | 5,862.2                                                   | 5,761.4               | 16.4             | 16.9          | -79.76                | 684.9        | -532.9         | 435.9                  | 405.8                       | 30.06                     | 14.499            |         |                             |  |
| 5,900.0                                                                                     | 5,835.1               | 5,872.2                                                   | 5,771.0               | 16.4             | 17.0          | -79.76                | 686.8        | -534.4         | 437.1                  | 406.9                       | 30.14                     | 14.502            |         |                             |  |
| 5,985.0                                                                                     | 5,918.6               | 5,956.6                                                   | 5,852.9               | 16.7             | 17.3          | -79.71                | 703.3        | -546.4         | 447.0                  | 416.2                       | 30.76                     | 14.533            |         |                             |  |
| 6,000.0                                                                                     | 5,933.4               | 5,972.1                                                   | 5,867.9               | 16.7             | 17.3          | -79.69                | 706.3        | -548.7         | 448.8                  | 417.9                       | 30.87                     | 14.537            |         |                             |  |
| 6,080.0                                                                                     | 6,012.3               | 6,060.1                                                   | 5,953.7               | 17.0             | 17.7          | -79.59                | 722.3        | -560.4         | 457.5                  | 426.0                       | 31.51                     | 14.519            |         |                             |  |
| 6,100.0                                                                                     | 6,032.1               | 6,082.2                                                   | 5,975.3               | 17.1             | 17.8          | -79.59                | 725.9        | -563.1         | 459.5                  | 427.9                       | 31.67                     | 14.508            |         |                             |  |
| 6,175.0                                                                                     | 6,106.2               | 6,165.1                                                   | 6,056.7               | 17.3             | 18.1          | -79.62                | 738.5        | -572.3         | 466.3                  | 434.0                       | 32.27                     | 14.447            |         |                             |  |
| 6,200.0                                                                                     | 6,131.0               | 6,192.8                                                   | 6,084.0               | 17.4             | 18.3          | -79.65                | 742.3        | -575.1         | 468.3                  | 435.8                       | 32.47                     | 14.420            |         |                             |  |
| 6,270.0                                                                                     | 6,200.4               | 6,270.4                                                   | 6,160.7               | 17.7             | 18.6          | -79.80                | 751.7        | -582.0         | 473.1                  | 440.1                       | 33.02                     | 14.330            |         |                             |  |
| 6,300.0                                                                                     | 6,230.2               | 6,303.7                                                   | 6,193.8               | 17.8             | 18.8          | -79.88                | 755.3        | -584.6         | 474.9                  | 441.7                       | 33.25                     | 14.284            |         |                             |  |
| 6,365.0                                                                                     | 6,294.7               | 6,375.9                                                   | 6,265.5               | 18.0             | 19.1          | -80.11                | 761.9        | -589.4         | 478.2                  | 444.4                       | 33.74                     | 14.173            |         |                             |  |
| 6,400.0                                                                                     | 6,329.5               | 6,414.9                                                   | 6,304.3               | 18.1             | 19.3          | -80.26                | 764.9        | -591.6         | 479.5                  | 445.5                       | 34.00                     | 14.106            |         |                             |  |
| 6,460.0                                                                                     | 6,389.3               | 6,481.6                                                   | 6,370.8               | 18.3             | 19.6          | -80.57                | 768.9        | -594.6         | 481.3                  | 446.9                       | 34.43                     | 13.980            |         |                             |  |
| 6,500.0                                                                                     | 6,429.1               | 6,526.0                                                   | 6,415.2               | 18.5             | 19.8          | -80.80                | 771.0        | -596.1         | 482.1                  | 447.4                       | 34.72                     | 13.888            |         |                             |  |
| 6,555.0                                                                                     | 6,483.9               | 6,587.1                                                   | 6,476.2               | 18.6             | 20.0          | -81.16                | 772.8        | -597.5         | 482.7                  | 447.6                       | 35.10                     | 13.752            |         |                             |  |
| 6,600.0                                                                                     | 6,528.8               | 6,637.0                                                   | 6,526.1               | 18.8             | 20.2          | -81.49                | 773.6        | -598.0         | 482.7                  | 447.3                       | 35.40                     | 13.636            |         |                             |  |
| 6,650.0                                                                                     | 6,578.7               | 6,689.8                                                   | 6,578.9               | 19.0             | 20.4          | -81.87                | 773.7        | -598.1         | 482.3                  | 446.6                       | 35.73                     | 13.500            |         |                             |  |
| 6,700.0                                                                                     | 6,628.6               | 6,739.7                                                   | 6,628.8               | 19.1             | 20.5          | -82.19                | 773.7        | -598.1         | 481.9                  | 445.9                       | 36.06                     | 13.366            |         |                             |  |
| 6,745.0                                                                                     | 6,673.6               | 6,784.7                                                   | 6,673.8               | 19.3             | 20.7          | -82.43                | 773.7        | -598.1         | 481.7                  | 445.3                       | 36.35                     | 13.249            |         |                             |  |
| 6,800.0                                                                                     | 6,728.5               | 6,839.6                                                   | 6,728.7               | 19.5             | 20.8          | -82.67                | 773.7        | -598.1         | 481.4                  | 444.7                       | 36.72                     | 13.109            |         |                             |  |
| 6,840.0                                                                                     | 6,768.5               | 6,879.6                                                   | 6,768.7               | 19.6             | 20.9          | -82.81                | 773.7        | -598.1         | 481.2                  | 444.2                       | 36.99                     | 13.011            |         |                             |  |
| 6,900.0                                                                                     | 6,828.5               | 6,939.6                                                   | 6,828.7               | 19.8             | 21.1          | -82.96                | 773.7        | -598.1         | 481.1                  | 443.7                       | 37.39                     | 12.868            |         |                             |  |
| 6,935.0                                                                                     | 6,863.5               | 6,974.6                                                   | 6,863.7               | 19.9             | 21.2          | -83.01                | 773.7        | -598.1         | 481.0                  | 443.4                       | 37.62                     | 12.787            |         |                             |  |
| 6,989.5                                                                                     | 6,918.0               | 7,029.1                                                   | 6,918.2               | 20.1             | 21.3          | -91.52                | 773.7        | -598.1         | 481.0                  | 443.1                       | 37.93                     | 12.680            |         |                             |  |
| 7,000.0                                                                                     | 6,928.5               | 7,039.6                                                   | 6,928.7               | 20.1             | 21.3          | -91.52                | 773.7        | -598.1         | 481.0                  | 443.0                       | 37.98                     | 12.663            |         |                             |  |
| 7,003.2                                                                                     | 6,931.7               | 7,042.8                                                   | 6,931.9               | 20.1             | 21.3          | -91.52                | 773.7        | -598.1         | 481.0                  | 443.0                       | 38.00                     | 12.658            |         |                             |  |
| 7,030.0                                                                                     | 6,958.5               | 7,069.0                                                   | 6,958.1               | 20.2             | 21.4          | -91.52                | 773.7        | -598.1         | 481.0                  | 442.9                       | 38.13                     | 12.615            |         |                             |  |
| 7,100.0                                                                                     | 7,028.5               | 7,130.2                                                   | 7,019.1               | 20.4             | 21.5          | -91.96                | 770.0        | -598.6         | 481.7                  | 443.3                       | 38.40                     | 12.546            |         |                             |  |
| 7,125.0                                                                                     | 7,053.5               | 7,150.0                                                   | 7,038.8               | 20.5             | 21.5          | -92.26                | 767.5        | -599.0         | 482.3                  | 443.8                       | 38.50                     | 12.528            |         |                             |  |
| 7,200.0                                                                                     | 7,128.5               | 7,214.7                                                   | 7,102.1               | 20.7             | 21.7          | -93.79                | 754.4        | -600.8         | 485.3                  | 446.6                       | 38.79                     | 12.512            |         |                             |  |
| 7,220.0                                                                                     | 7,148.5               | 7,231.0                                                   | 7,117.7               | 20.8             | 21.8          | -94.30                | 750.1        | -601.5         | 486.5                  | 447.7                       | 38.86                     | 12.518            |         |                             |  |
| 7,300.0                                                                                     | 7,228.5               | 7,293.1                                                   | 7,176.2               | 21.1             | 22.0          | -96.69                | 729.3        | -604.4         | 493.2                  | 454.1                       | 39.15                     | 12.599            |         |                             |  |
| 7,315.0                                                                                     | 7,243.5               | 7,300.0                                                   | 7,182.6               | 21.1             | 22.0          | -97.00                | 726.6        | -604.8         | 494.9                  | 455.7                       | 39.18                     | 12.631            |         |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | <b>Offset Site Error:</b> | 0.0 usft |
|----------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | <b>Offset Well Error:</b> | 3.0 usft |
| Measured Depth (usft)                                                                              | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor         | Warning  |
|                                                                                                    |                       |                       |                       |                  |               |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                           |          |
| 7,400.0                                                                                            | 7,328.5               | 7,363.4               | 7,239.2               | 21.4             | 22.2          | -100.16               | 698.5                  | -608.8       | 507.2                  | 467.8                   | 39.41                     | 12.871                    |          |
| 7,410.0                                                                                            | 7,338.5               | 7,370.0               | 7,244.9               | 21.4             | 22.3          | -100.51               | 695.2                  | -609.2       | 509.1                  | 469.6                   | 39.41                     | 12.917                    |          |
| 7,437.5                                                                                            | 7,366.0               | 7,387.6               | 7,259.9               | 21.5             | 22.3          | -101.50               | 686.1                  | -610.5       | 514.4                  | 475.0                   | 39.40                     | 13.058                    |          |
| 7,450.0                                                                                            | 7,378.5               | 7,400.0               | 7,270.3               | 21.5             | 22.3          | 77.04                 | 679.5                  | -611.5       | 517.1                  | 477.7                   | 39.40                     | 13.123                    |          |
| 7,500.0                                                                                            | 7,428.4               | 7,426.4               | 7,292.0               | 21.5             | 22.4          | 74.53                 | 664.5                  | -613.6       | 528.2                  | 489.0                   | 39.22                     | 13.467                    |          |
| 7,505.0                                                                                            | 7,433.4               | 7,429.5               | 7,294.5               | 21.6             | 22.4          | 74.26                 | 662.7                  | -613.8       | 529.3                  | 490.1                   | 39.20                     | 13.502                    |          |
| 7,550.0                                                                                            | 7,477.8               | 7,450.0               | 7,310.8               | 21.7             | 22.5          | 72.20                 | 650.4                  | -615.6       | 540.2                  | 501.2                   | 38.96                     | 13.863                    |          |
| 7,600.0                                                                                            | 7,526.3               | 7,487.4               | 7,339.3               | 21.9             | 22.6          | 69.37                 | 626.3                  | -619.0       | 552.6                  | 513.8                   | 38.84                     | 14.227                    |          |
| 7,650.0                                                                                            | 7,573.7               | 7,517.5               | 7,361.0               | 22.1             | 22.7          | 67.01                 | 605.8                  | -621.9       | 565.4                  | 526.8                   | 38.62                     | 14.639                    |          |
| 7,695.0                                                                                            | 7,614.9               | 7,550.0               | 7,383.2               | 22.2             | 22.7          | 64.87                 | 582.3                  | -625.2       | 577.0                  | 538.5                   | 38.49                     | 14.990                    |          |
| 7,700.0                                                                                            | 7,619.4               | 7,550.0               | 7,383.2               | 22.2             | 22.7          | 64.75                 | 582.3                  | -625.2       | 578.3                  | 539.8                   | 38.43                     | 15.047                    |          |
| 7,750.0                                                                                            | 7,663.2               | 7,576.9               | 7,400.5               | 22.4             | 22.8          | 62.84                 | 562.0                  | -628.1       | 591.0                  | 552.8                   | 38.17                     | 15.482                    |          |
| 7,790.0                                                                                            | 7,696.7               | 7,600.0               | 7,414.6               | 22.5             | 22.8          | 61.38                 | 543.8                  | -630.6       | 601.0                  | 563.0                   | 38.00                     | 15.815                    |          |
| 7,800.0                                                                                            | 7,704.8               | 7,600.0               | 7,414.6               | 22.5             | 22.8          | 61.15                 | 543.8                  | -630.6       | 603.5                  | 565.6                   | 37.89                     | 15.930                    |          |
| 7,850.0                                                                                            | 7,743.8               | 7,635.4               | 7,434.8               | 22.7             | 22.9          | 59.41                 | 515.0                  | -634.7       | 615.4                  | 577.7                   | 37.78                     | 16.288                    |          |
| 7,885.0                                                                                            | 7,769.4               | 7,650.0               | 7,442.6               | 22.8             | 22.9          | 58.47                 | 502.8                  | -636.4       | 623.5                  | 585.9                   | 37.61                     | 16.581                    |          |
| 7,900.0                                                                                            | 7,779.9               | 7,664.5               | 7,450.0               | 22.8             | 22.9          | 57.98                 | 490.4                  | -638.2       | 626.8                  | 589.2                   | 37.63                     | 16.656                    |          |
| 7,950.0                                                                                            | 7,812.9               | 7,700.0               | 7,466.8               | 22.9             | 23.0          | 56.68                 | 459.5                  | -642.6       | 637.6                  | 600.0                   | 37.60                     | 16.959                    |          |
| 7,980.0                                                                                            | 7,831.0               | 7,710.8               | 7,471.5               | 22.9             | 23.0          | 56.09                 | 449.9                  | -643.9       | 643.6                  | 606.1                   | 37.48                     | 17.171                    |          |
| 8,000.0                                                                                            | 7,842.4               | 7,722.3               | 7,476.4               | 23.0             | 23.0          | 55.69                 | 439.5                  | -645.4       | 647.5                  | 610.0                   | 37.46                     | 17.283                    |          |
| 8,050.0                                                                                            | 7,868.4               | 7,750.0               | 7,487.2               | 23.1             | 23.0          | 54.81                 | 414.3                  | -649.0       | 656.5                  | 619.1                   | 37.44                     | 17.535                    |          |
| 8,075.0                                                                                            | 7,879.9               | 7,765.4               | 7,492.6               | 23.1             | 23.1          | 54.43                 | 400.0                  | -651.0       | 660.7                  | 623.2                   | 37.46                     | 17.635                    |          |
| 8,100.0                                                                                            | 7,890.5               | 7,779.8               | 7,497.3               | 23.1             | 23.1          | 54.10                 | 386.6                  | -652.9       | 664.6                  | 627.1                   | 37.49                     | 17.728                    |          |
| 8,150.0                                                                                            | 7,908.6               | 7,800.0               | 7,503.4               | 23.2             | 23.1          | 53.54                 | 367.5                  | -655.6       | 671.8                  | 634.3                   | 37.53                     | 17.901                    |          |
| 8,170.0                                                                                            | 7,914.7               | 7,819.8               | 7,508.7               | 23.2             | 23.1          | 53.40                 | 348.6                  | -658.3       | 674.3                  | 636.7                   | 37.64                     | 17.916                    |          |
| 8,200.0                                                                                            | 7,922.6               | 7,837.0               | 7,512.8               | 23.2             | 23.1          | 53.19                 | 332.0                  | -660.6       | 677.8                  | 640.1                   | 37.73                     | 17.966                    |          |
| 8,250.0                                                                                            | 7,932.3               | 7,865.6               | 7,518.4               | 23.2             | 23.1          | 52.98                 | 304.3                  | -664.5       | 682.9                  | 645.0                   | 37.92                     | 18.007                    |          |
| 8,265.0                                                                                            | 7,934.4               | 7,874.2               | 7,519.8               | 23.2             | 23.1          | 52.95                 | 295.9                  | -665.7       | 684.2                  | 646.2                   | 37.99                     | 18.009                    |          |
| 8,300.0                                                                                            | 7,937.8               | 7,900.0               | 7,523.3               | 23.2             | 23.1          | 52.98                 | 270.6                  | -669.3       | 686.9                  | 648.8                   | 38.18                     | 17.992                    |          |
| 8,336.0                                                                                            | 7,939.0               | 7,914.8               | 7,524.8               | 23.2             | 23.2          | 52.98                 | 256.0                  | -671.3       | 689.1                  | 650.8                   | 38.33                     | 17.977                    |          |
| 8,360.0                                                                                            | 7,939.1               | 7,928.5               | 7,525.8               | 23.2             | 23.2          | 53.14                 | 242.4                  | -673.3       | 690.6                  | 652.2                   | 38.44                     | 17.964                    |          |
| 8,400.0                                                                                            | 7,939.2               | 7,950.0               | 7,526.8               | 23.2             | 23.2          | 53.34                 | 221.2                  | -676.3       | 693.9                  | 655.2                   | 38.62                     | 17.964                    |          |
| 8,455.0                                                                                            | 7,939.3               | 8,004.1               | 7,527.0               | 23.2             | 23.2          | 53.68                 | 167.6                  | -683.6       | 699.4                  | 660.6                   | 38.79                     | 18.031                    |          |
| 8,500.0                                                                                            | 7,939.4               | 8,059.9               | 7,527.0               | 23.2             | 23.2          | 53.96                 | 112.2                  | -690.1       | 703.4                  | 664.5                   | 38.94                     | 18.064                    |          |
| 8,550.0                                                                                            | 7,939.6               | 8,122.1               | 7,527.0               | 23.2             | 23.2          | 54.21                 | 50.3                   | -696.1       | 707.1                  | 667.9                   | 39.15                     | 18.063                    |          |
| 8,600.0                                                                                            | 7,939.7               | 8,184.5               | 7,527.0               | 23.2             | 23.2          | 54.39                 | -12.0                  | -700.8       | 709.9                  | 670.5                   | 39.39                     | 18.023                    |          |
| 8,645.0                                                                                            | 7,939.8               | 8,240.9               | 7,527.0               | 23.2             | 23.2          | 54.50                 | -68.2                  | -703.8       | 711.6                  | 672.0                   | 39.62                     | 17.959                    |          |
| 8,700.0                                                                                            | 7,940.0               | 8,309.8               | 7,527.0               | 23.2             | 23.3          | 54.56                 | -137.1                 | -706.0       | 712.7                  | 672.8                   | 39.91                     | 17.856                    |          |
| 8,740.0                                                                                            | 7,940.1               | 8,356.5               | 7,526.9               | 23.2             | 23.3          | 54.56                 | -183.8                 | -706.6       | 712.9                  | 672.8                   | 40.08                     | 17.786                    |          |
| 8,800.0                                                                                            | 7,940.2               | 8,416.5               | 7,526.9               | 23.2             | 23.3          | 54.55                 | -243.8                 | -707.1       | 713.0                  | 672.7                   | 40.34                     | 17.673                    |          |
| 8,835.0                                                                                            | 7,940.3               | 8,451.5               | 7,526.9               | 23.3             | 23.3          | 54.55                 | -278.8                 | -707.4       | 713.1                  | 672.6                   | 40.51                     | 17.601                    |          |
| 8,900.0                                                                                            | 7,940.5               | 8,516.5               | 7,526.9               | 23.3             | 23.3          | 54.54                 | -343.8                 | -708.0       | 713.2                  | 672.3                   | 40.83                     | 17.466                    |          |
| 8,930.0                                                                                            | 7,940.6               | 8,546.5               | 7,526.9               | 23.3             | 23.3          | 54.53                 | -373.8                 | -708.2       | 713.2                  | 672.2                   | 40.99                     | 17.398                    |          |
| 9,000.0                                                                                            | 7,940.8               | 8,616.5               | 7,526.9               | 23.3             | 23.4          | 54.52                 | -443.8                 | -708.9       | 713.3                  | 672.0                   | 41.38                     | 17.241                    |          |
| 9,025.0                                                                                            | 7,940.8               | 8,641.5               | 7,526.9               | 23.3             | 23.4          | 54.51                 | -468.8                 | -709.1       | 713.4                  | 671.8                   | 41.52                     | 17.180                    |          |
| 9,100.0                                                                                            | 7,941.0               | 8,716.5               | 7,526.9               | 23.3             | 23.4          | 54.50                 | -543.8                 | -709.7       | 713.5                  | 671.5                   | 41.97                     | 17.000                    |          |
| 9,120.0                                                                                            | 7,941.1               | 8,736.5               | 7,526.9               | 23.3             | 23.4          | 54.49                 | -563.8                 | -709.9       | 713.5                  | 671.4                   | 42.10                     | 16.950                    |          |
| 9,200.0                                                                                            | 7,941.3               | 8,816.5               | 7,526.9               | 23.3             | 23.5          | 54.48                 | -643.8                 | -710.6       | 713.6                  | 671.0                   | 42.61                     | 16.748                    |          |
| 9,215.0                                                                                            | 7,941.4               | 8,831.5               | 7,526.9               | 23.3             | 23.5          | 54.48                 | -658.8                 | -710.7       | 713.7                  | 671.0                   | 42.71                     | 16.709                    |          |
| 9,300.0                                                                                            | 7,941.6               | 8,916.5               | 7,526.9               | 23.3             | 23.6          | 54.46                 | -743.8                 | -711.4       | 713.8                  | 670.5                   | 43.30                     | 16.487                    |          |
| 9,310.0                                                                                            | 7,941.6               | 8,926.5               | 7,526.9               | 23.3             | 23.6          | 54.46                 | -753.8                 | -711.5       | 713.8                  | 670.5                   | 43.37                     | 16.459                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>  |                           |          |
| 9,400.0                                                                                            | 7,941.9                      | 9,016.5                      | 7,526.9                      | 23.4                    | 23.6                 | 54.44                        | -843.8                                     | -712.3                    | 714.0                         | 669.9                          | 44.03          | 16.217                    |          |
| 9,405.0                                                                                            | 7,941.9                      | 9,021.5                      | 7,526.9                      | 23.4                    | 23.6                 | 54.44                        | -848.8                                     | -712.3                    | 714.0                         | 669.9                          | 44.06          | 16.203                    |          |
| 9,500.0                                                                                            | 7,942.1                      | 9,116.5                      | 7,526.8                      | 23.4                    | 23.8                 | 54.42                        | -943.8                                     | -713.2                    | 714.1                         | 669.3                          | 44.80          | 15.941                    |          |
| 9,595.0                                                                                            | 7,942.4                      | 9,211.5                      | 7,526.8                      | 23.5                    | 23.9                 | 54.41                        | -1,038.8                                   | -714.0                    | 714.3                         | 668.7                          | 45.57          | 15.675                    |          |
| 9,600.0                                                                                            | 7,942.4                      | 9,216.5                      | 7,526.8                      | 23.5                    | 23.9                 | 54.40                        | -1,043.8                                   | -714.0                    | 714.3                         | 668.7                          | 45.61          | 15.661                    |          |
| 9,690.0                                                                                            | 7,942.6                      | 9,306.5                      | 7,526.8                      | 23.7                    | 24.0                 | 54.39                        | -1,133.8                                   | -714.8                    | 714.4                         | 668.1                          | 46.37          | 15.407                    |          |
| 9,700.0                                                                                            | 7,942.7                      | 9,316.5                      | 7,526.8                      | 23.7                    | 24.1                 | 54.39                        | -1,143.8                                   | -714.9                    | 714.4                         | 668.0                          | 46.46          | 15.379                    |          |
| 9,785.0                                                                                            | 7,942.9                      | 9,401.5                      | 7,526.8                      | 23.9                    | 24.3                 | 54.37                        | -1,228.8                                   | -715.6                    | 714.6                         | 667.4                          | 47.20          | 15.138                    |          |
| 9,800.0                                                                                            | 7,942.9                      | 9,416.5                      | 7,526.8                      | 24.0                    | 24.3                 | 54.37                        | -1,243.8                                   | -715.8                    | 714.6                         | 667.3                          | 47.34          | 15.096                    |          |
| 9,880.0                                                                                            | 7,943.1                      | 9,496.5                      | 7,526.8                      | 24.2                    | 24.5                 | 54.35                        | -1,323.8                                   | -716.4                    | 714.7                         | 666.7                          | 48.07          | 14.869                    |          |
| 9,900.0                                                                                            | 7,943.2                      | 9,516.5                      | 7,526.8                      | 24.3                    | 24.6                 | 54.35                        | -1,343.8                                   | -716.6                    | 714.8                         | 666.5                          | 48.25          | 14.813                    |          |
| 9,975.0                                                                                            | 7,943.4                      | 9,591.5                      | 7,526.8                      | 24.6                    | 24.8                 | 54.33                        | -1,418.8                                   | -717.3                    | 714.9                         | 665.9                          | 48.96          | 14.601                    |          |
| 10,000.0                                                                                           | 7,943.5                      | 9,616.5                      | 7,526.8                      | 24.7                    | 24.9                 | 54.33                        | -1,443.8                                   | -717.5                    | 714.9                         | 665.7                          | 49.20          | 14.531                    |          |
| 10,070.0                                                                                           | 7,943.7                      | 9,686.5                      | 7,526.8                      | 25.0                    | 25.1                 | 54.32                        | -1,513.8                                   | -718.1                    | 715.0                         | 665.1                          | 49.88          | 14.334                    |          |
| 10,100.0                                                                                           | 7,943.7                      | 9,716.5                      | 7,526.8                      | 25.1                    | 25.2                 | 54.31                        | -1,543.8                                   | -718.3                    | 715.1                         | 664.9                          | 50.18          | 14.251                    |          |
| 10,165.0                                                                                           | 7,943.9                      | 9,781.5                      | 7,526.8                      | 25.4                    | 25.5                 | 54.30                        | -1,608.8                                   | -718.9                    | 715.2                         | 664.4                          | 50.83          | 14.070                    |          |
| 10,200.0                                                                                           | 7,944.0                      | 9,816.5                      | 7,526.8                      | 25.6                    | 25.6                 | 54.29                        | -1,643.8                                   | -719.2                    | 715.2                         | 664.1                          | 51.18          | 13.974                    |          |
| 10,260.0                                                                                           | 7,944.2                      | 9,876.5                      | 7,526.7                      | 25.9                    | 25.8                 | 54.28                        | -1,703.8                                   | -719.7                    | 715.3                         | 663.5                          | 51.80          | 13.810                    |          |
| 10,300.0                                                                                           | 7,944.3                      | 9,916.5                      | 7,526.7                      | 26.1                    | 26.0                 | 54.27                        | -1,743.8                                   | -720.1                    | 715.4                         | 663.2                          | 52.21          | 13.702                    |          |
| 10,355.0                                                                                           | 7,944.4                      | 9,971.5                      | 7,526.7                      | 26.3                    | 26.3                 | 54.26                        | -1,798.8                                   | -720.5                    | 715.5                         | 662.7                          | 52.79          | 13.553                    |          |
| 10,400.0                                                                                           | 7,944.5                      | 10,016.5                     | 7,526.7                      | 26.6                    | 26.5                 | 54.26                        | -1,843.8                                   | -720.9                    | 715.6                         | 662.3                          | 53.27          | 13.433                    |          |
| 10,450.0                                                                                           | 7,944.7                      | 10,066.5                     | 7,526.7                      | 26.8                    | 26.7                 | 54.25                        | -1,893.8                                   | -721.4                    | 715.6                         | 661.8                          | 53.81          | 13.300                    |          |
| 10,500.0                                                                                           | 7,944.8                      | 10,116.5                     | 7,526.7                      | 27.1                    | 26.9                 | 54.24                        | -1,943.7                                   | -721.8                    | 715.7                         | 661.4                          | 54.35          | 13.169                    |          |
| 10,545.0                                                                                           | 7,944.9                      | 10,161.5                     | 7,526.7                      | 27.3                    | 27.1                 | 54.23                        | -1,988.7                                   | -722.2                    | 715.8                         | 660.9                          | 54.84          | 13.052                    |          |
| 10,600.0                                                                                           | 7,945.1                      | 10,216.5                     | 7,526.7                      | 27.6                    | 27.4                 | 54.22                        | -2,043.7                                   | -722.6                    | 715.9                         | 660.4                          | 55.45          | 12.911                    |          |
| 10,640.0                                                                                           | 7,945.2                      | 10,256.5                     | 7,526.7                      | 27.8                    | 27.6                 | 54.21                        | -2,083.7                                   | -723.0                    | 715.9                         | 660.0                          | 55.90          | 12.809                    |          |
| 10,700.0                                                                                           | 7,945.3                      | 10,316.5                     | 7,526.7                      | 28.1                    | 27.9                 | 54.20                        | -2,143.7                                   | -723.5                    | 716.0                         | 659.5                          | 56.57          | 12.658                    |          |
| 10,735.0                                                                                           | 7,945.4                      | 10,351.5                     | 7,526.7                      | 28.3                    | 28.1                 | 54.19                        | -2,178.7                                   | -723.8                    | 716.1                         | 659.1                          | 56.97          | 12.570                    |          |
| 10,800.0                                                                                           | 7,945.6                      | 10,416.5                     | 7,526.7                      | 28.6                    | 28.4                 | 54.18                        | -2,243.7                                   | -724.4                    | 716.2                         | 658.5                          | 57.71          | 12.410                    |          |
| 10,830.0                                                                                           | 7,945.7                      | 10,446.5                     | 7,526.7                      | 28.8                    | 28.6                 | 54.18                        | -2,273.7                                   | -724.6                    | 716.2                         | 658.2                          | 58.06          | 12.337                    |          |
| 10,900.0                                                                                           | 7,945.9                      | 10,516.5                     | 7,526.7                      | 29.2                    | 29.0                 | 54.16                        | -2,343.7                                   | -725.2                    | 716.4                         | 657.5                          | 58.87          | 12.169                    |          |
| 10,925.0                                                                                           | 7,945.9                      | 10,541.5                     | 7,526.7                      | 29.3                    | 29.1                 | 54.16                        | -2,368.7                                   | -725.5                    | 716.4                         | 657.2                          | 59.16          | 12.109                    |          |
| 11,000.0                                                                                           | 7,946.1                      | 10,616.5                     | 7,526.7                      | 29.7                    | 29.5                 | 54.14                        | -2,443.7                                   | -726.1                    | 716.5                         | 656.5                          | 60.05          | 11.933                    |          |
| 11,020.0                                                                                           | 7,946.2                      | 10,636.5                     | 7,526.6                      | 29.9                    | 29.6                 | 54.14                        | -2,463.7                                   | -726.3                    | 716.5                         | 656.3                          | 60.28          | 11.886                    |          |
| 11,100.0                                                                                           | 7,946.4                      | 10,716.5                     | 7,526.6                      | 30.3                    | 30.1                 | 54.13                        | -2,543.7                                   | -727.0                    | 716.7                         | 655.4                          | 61.24          | 11.703                    |          |
| 11,115.0                                                                                           | 7,946.5                      | 10,731.5                     | 7,526.6                      | 30.4                    | 30.2                 | 54.12                        | -2,558.7                                   | -727.1                    | 716.7                         | 655.3                          | 61.42          | 11.669                    |          |
| 11,200.0                                                                                           | 7,946.7                      | 10,816.5                     | 7,526.6                      | 30.9                    | 30.6                 | 54.11                        | -2,643.7                                   | -727.8                    | 716.8                         | 654.4                          | 62.45          | 11.479                    |          |
| 11,210.0                                                                                           | 7,946.7                      | 10,826.5                     | 7,526.6                      | 30.9                    | 30.7                 | 54.11                        | -2,653.7                                   | -727.9                    | 716.9                         | 654.3                          | 62.57          | 11.457                    |          |
| 11,300.0                                                                                           | 7,947.0                      | 10,916.5                     | 7,526.6                      | 31.5                    | 31.2                 | 54.09                        | -2,743.7                                   | -728.7                    | 717.0                         | 653.3                          | 63.67          | 11.261                    |          |
| 11,305.0                                                                                           | 7,947.0                      | 10,921.5                     | 7,526.6                      | 31.5                    | 31.2                 | 54.09                        | -2,748.7                                   | -728.7                    | 717.0                         | 653.3                          | 63.73          | 11.250                    |          |
| 11,400.0                                                                                           | 7,947.2                      | 11,016.5                     | 7,526.6                      | 32.1                    | 31.8                 | 54.07                        | -2,843.7                                   | -729.5                    | 717.2                         | 652.3                          | 64.91          | 11.049                    |          |
| 11,495.0                                                                                           | 7,947.5                      | 11,111.5                     | 7,526.6                      | 32.6                    | 32.4                 | 54.05                        | -2,938.7                                   | -730.4                    | 717.3                         | 651.2                          | 66.09          | 10.853                    |          |
| 11,500.0                                                                                           | 7,947.5                      | 11,116.5                     | 7,526.6                      | 32.7                    | 32.4                 | 54.05                        | -2,943.7                                   | -730.4                    | 717.3                         | 651.2                          | 66.16          | 10.843                    |          |
| 11,590.0                                                                                           | 7,947.7                      | 11,206.5                     | 7,526.6                      | 33.2                    | 32.9                 | 54.04                        | -3,033.7                                   | -731.2                    | 717.5                         | 650.2                          | 67.29          | 10.662                    |          |
| 11,600.0                                                                                           | 7,947.8                      | 11,216.5                     | 7,526.6                      | 33.3                    | 33.0                 | 54.03                        | -3,043.7                                   | -731.3                    | 717.5                         | 650.1                          | 67.42          | 10.642                    |          |
| 11,685.0                                                                                           | 7,948.0                      | 11,301.5                     | 7,526.6                      | 33.8                    | 33.5                 | 54.02                        | -3,128.7                                   | -732.0                    | 717.6                         | 649.1                          | 68.50          | 10.476                    |          |
| 11,700.0                                                                                           | 7,948.0                      | 11,316.5                     | 7,526.6                      | 33.9                    | 33.6                 | 54.02                        | -3,143.7                                   | -732.1                    | 717.6                         | 648.9                          | 68.69          | 10.448                    |          |
| 11,780.0                                                                                           | 7,948.2                      | 11,396.5                     | 7,526.6                      | 34.4                    | 34.1                 | 54.00                        | -3,223.7                                   | -732.8                    | 717.8                         | 648.1                          | 69.72          | 10.296                    |          |
| 11,800.0                                                                                           | 7,948.3                      | 11,416.5                     | 7,526.5                      | 34.5                    | 34.2                 | 54.00                        | -3,243.7                                   | -733.0                    | 717.8                         | 647.8                          | 69.97          | 10.258                    |          |
| 11,875.0                                                                                           | 7,948.5                      | 11,491.5                     | 7,526.5                      | 35.0                    | 34.7                 | 53.98                        | -3,318.7                                   | -733.6                    | 717.9                         | 647.0                          | 70.94          | 10.120                    |          |
| 11,900.0                                                                                           | 7,948.6                      | 11,516.5                     | 7,526.5                      | 35.1                    | 34.8                 | 53.98                        | -3,343.7                                   | -733.9                    | 718.0                         | 646.7                          | 71.27          | 10.074                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>  |                           |          |
| 11,970.0                                                                                           | 7,948.7                      | 11,586.5                     | 7,526.5                      | 35.6                    | 35.3                 | 53.97                        | -3,413.7                                   | -734.5                    | 718.1                         | 645.9                          | 72.18          | 9.948                     |          |
| 12,000.0                                                                                           | 7,948.8                      | 11,616.5                     | 7,526.5                      | 35.7                    | 35.5                 | 53.96                        | -3,443.7                                   | -734.7                    | 718.1                         | 645.5                          | 72.57          | 9.895                     |          |
| 12,065.0                                                                                           | 7,949.0                      | 11,681.5                     | 7,526.5                      | 36.2                    | 35.9                 | 53.95                        | -3,508.7                                   | -735.3                    | 718.2                         | 644.8                          | 73.42          | 9.782                     |          |
| 12,100.0                                                                                           | 7,949.1                      | 11,716.5                     | 7,526.5                      | 36.4                    | 36.1                 | 53.94                        | -3,543.7                                   | -735.6                    | 718.3                         | 644.4                          | 73.88          | 9.722                     |          |
| 12,160.0                                                                                           | 7,949.3                      | 11,776.5                     | 7,526.5                      | 36.8                    | 36.5                 | 53.93                        | -3,603.7                                   | -736.1                    | 718.4                         | 643.7                          | 74.68          | 9.620                     |          |
| 12,200.0                                                                                           | 7,949.4                      | 11,816.5                     | 7,526.5                      | 37.0                    | 36.7                 | 53.92                        | -3,643.7                                   | -736.4                    | 718.4                         | 643.2                          | 75.21          | 9.553                     |          |
| 12,255.0                                                                                           | 7,949.5                      | 11,871.5                     | 7,526.5                      | 37.4                    | 37.1                 | 53.91                        | -3,698.7                                   | -736.9                    | 718.5                         | 642.6                          | 75.94          | 9.462                     |          |
| 12,300.0                                                                                           | 7,949.6                      | 11,916.5                     | 7,526.5                      | 37.7                    | 37.4                 | 53.90                        | -3,743.7                                   | -737.3                    | 718.6                         | 642.1                          | 76.54          | 9.389                     |          |
| 12,350.0                                                                                           | 7,949.8                      | 11,966.5                     | 7,526.5                      | 38.0                    | 37.7                 | 53.90                        | -3,793.7                                   | -737.7                    | 718.7                         | 641.5                          | 77.21          | 9.309                     |          |
| 12,400.0                                                                                           | 7,949.9                      | 12,016.5                     | 7,526.5                      | 38.3                    | 38.0                 | 53.89                        | -3,843.7                                   | -738.2                    | 718.8                         | 640.9                          | 77.88          | 9.230                     |          |
| 12,445.0                                                                                           | 7,950.0                      | 12,061.5                     | 7,526.5                      | 38.6                    | 38.3                 | 53.88                        | -3,888.7                                   | -738.6                    | 718.8                         | 640.4                          | 78.48          | 9.159                     |          |
| 12,500.0                                                                                           | 7,950.2                      | 12,116.5                     | 7,526.5                      | 39.0                    | 38.7                 | 53.87                        | -3,943.7                                   | -739.0                    | 718.9                         | 639.7                          | 79.22          | 9.075                     |          |
| 12,540.0                                                                                           | 7,950.3                      | 12,156.5                     | 7,526.5                      | 39.2                    | 38.9                 | 53.86                        | -3,983.7                                   | -739.4                    | 719.0                         | 639.2                          | 79.76          | 9.014                     |          |
| 12,600.0                                                                                           | 7,950.4                      | 12,216.5                     | 7,526.4                      | 39.6                    | 39.3                 | 53.85                        | -4,043.7                                   | -739.9                    | 719.1                         | 638.5                          | 80.57          | 8.925                     |          |
| 12,635.0                                                                                           | 7,950.5                      | 12,251.5                     | 7,526.4                      | 39.9                    | 39.6                 | 53.84                        | -4,078.7                                   | -740.2                    | 719.1                         | 638.1                          | 81.05          | 8.873                     |          |
| 12,700.0                                                                                           | 7,950.7                      | 12,316.5                     | 7,526.4                      | 40.3                    | 40.0                 | 53.83                        | -4,143.7                                   | -740.8                    | 719.2                         | 637.3                          | 81.93          | 8.779                     |          |
| 12,730.0                                                                                           | 7,950.8                      | 12,346.5                     | 7,526.4                      | 40.5                    | 40.2                 | 53.83                        | -4,173.7                                   | -741.0                    | 719.3                         | 637.0                          | 82.34          | 8.735                     |          |
| 12,800.0                                                                                           | 7,951.0                      | 12,416.5                     | 7,526.4                      | 40.9                    | 40.7                 | 53.81                        | -4,243.7                                   | -741.6                    | 719.4                         | 636.1                          | 83.30          | 8.637                     |          |
| 12,825.0                                                                                           | 7,951.0                      | 12,441.5                     | 7,526.4                      | 41.1                    | 40.8                 | 53.81                        | -4,268.7                                   | -741.8                    | 719.5                         | 635.8                          | 83.64          | 8.602                     |          |
| 12,900.0                                                                                           | 7,951.2                      | 12,516.5                     | 7,526.4                      | 41.6                    | 41.3                 | 53.79                        | -4,343.6                                   | -742.5                    | 719.6                         | 634.9                          | 84.67          | 8.499                     |          |
| 12,920.0                                                                                           | 7,951.3                      | 12,536.5                     | 7,526.4                      | 41.7                    | 41.5                 | 53.79                        | -4,363.6                                   | -742.7                    | 719.6                         | 634.7                          | 84.95          | 8.471                     |          |
| 13,000.0                                                                                           | 7,951.5                      | 12,616.5                     | 7,526.4                      | 42.3                    | 42.0                 | 53.78                        | -4,443.6                                   | -743.3                    | 719.7                         | 633.7                          | 86.05          | 8.364                     |          |
| 13,015.0                                                                                           | 7,951.6                      | 12,631.5                     | 7,526.4                      | 42.4                    | 42.1                 | 53.77                        | -4,458.6                                   | -743.5                    | 719.8                         | 633.5                          | 86.26          | 8.344                     |          |
| 13,100.0                                                                                           | 7,951.8                      | 12,716.5                     | 7,526.4                      | 43.0                    | 42.7                 | 53.76                        | -4,543.6                                   | -744.2                    | 719.9                         | 632.5                          | 87.43          | 8.234                     |          |
| 13,110.0                                                                                           | 7,951.8                      | 12,726.5                     | 7,526.4                      | 43.0                    | 42.7                 | 53.76                        | -4,553.6                                   | -744.3                    | 719.9                         | 632.3                          | 87.57          | 8.221                     |          |
| 13,200.0                                                                                           | 7,952.0                      | 12,816.5                     | 7,526.4                      | 43.6                    | 43.3                 | 53.74                        | -4,643.6                                   | -745.1                    | 720.1                         | 631.2                          | 88.82          | 8.107                     |          |
| 13,205.0                                                                                           | 7,952.1                      | 12,821.5                     | 7,526.4                      | 43.7                    | 43.4                 | 53.74                        | -4,648.6                                   | -745.1                    | 720.1                         | 631.2                          | 88.89          | 8.101                     |          |
| 13,300.0                                                                                           | 7,952.3                      | 12,916.5                     | 7,526.4                      | 44.3                    | 44.0                 | 53.72                        | -4,743.6                                   | -745.9                    | 720.2                         | 630.0                          | 90.21          | 7.983                     |          |
| 13,395.0                                                                                           | 7,952.6                      | 13,011.5                     | 7,526.3                      | 45.0                    | 44.7                 | 53.70                        | -4,838.6                                   | -746.8                    | 720.4                         | 628.8                          | 91.54          | 7.869                     |          |
| 13,400.0                                                                                           | 7,952.6                      | 13,016.5                     | 7,526.3                      | 45.0                    | 44.7                 | 53.70                        | -4,843.6                                   | -746.8                    | 720.4                         | 628.8                          | 91.61          | 7.863                     |          |
| 13,490.0                                                                                           | 7,952.8                      | 13,106.5                     | 7,526.3                      | 45.6                    | 45.3                 | 53.69                        | -4,933.6                                   | -747.6                    | 720.5                         | 627.7                          | 92.88          | 7.758                     |          |
| 13,500.0                                                                                           | 7,952.9                      | 13,116.5                     | 7,526.3                      | 45.7                    | 45.4                 | 53.68                        | -4,943.6                                   | -747.7                    | 720.5                         | 627.5                          | 93.02          | 7.746                     |          |
| 13,585.0                                                                                           | 7,953.1                      | 13,201.5                     | 7,526.3                      | 46.3                    | 46.0                 | 53.67                        | -5,028.6                                   | -748.4                    | 720.7                         | 626.5                          | 94.21          | 7.650                     |          |
| 13,600.0                                                                                           | 7,953.1                      | 13,216.5                     | 7,526.3                      | 46.4                    | 46.1                 | 53.67                        | -5,043.6                                   | -748.5                    | 720.7                         | 626.3                          | 94.42          | 7.633                     |          |
| 13,680.0                                                                                           | 7,953.3                      | 13,296.5                     | 7,526.3                      | 46.9                    | 46.6                 | 53.65                        | -5,123.6                                   | -749.2                    | 720.8                         | 625.3                          | 95.55          | 7.544                     |          |
| 13,700.0                                                                                           | 7,953.4                      | 13,316.5                     | 7,526.3                      | 47.1                    | 46.8                 | 53.65                        | -5,143.6                                   | -749.4                    | 720.9                         | 625.0                          | 95.83          | 7.522                     |          |
| 13,775.0                                                                                           | 7,953.6                      | 13,391.5                     | 7,526.3                      | 47.6                    | 47.3                 | 53.63                        | -5,218.6                                   | -750.0                    | 721.0                         | 624.1                          | 96.90          | 7.441                     |          |
| 13,800.0                                                                                           | 7,953.7                      | 13,416.5                     | 7,526.3                      | 47.8                    | 47.5                 | 53.63                        | -5,243.6                                   | -750.2                    | 721.0                         | 623.8                          | 97.25          | 7.414                     |          |
| 13,870.0                                                                                           | 7,953.8                      | 13,486.5                     | 7,526.3                      | 48.2                    | 48.0                 | 53.62                        | -5,313.6                                   | -750.8                    | 721.1                         | 622.9                          | 98.24          | 7.340                     |          |
| 13,900.0                                                                                           | 7,953.9                      | 13,516.5                     | 7,526.3                      | 48.4                    | 48.2                 | 53.61                        | -5,343.6                                   | -751.1                    | 721.2                         | 622.5                          | 98.67          | 7.309                     |          |
| 13,965.0                                                                                           | 7,954.1                      | 13,581.5                     | 7,526.3                      | 48.9                    | 48.6                 | 53.60                        | -5,408.6                                   | -751.7                    | 721.3                         | 621.7                          | 99.59          | 7.242                     |          |
| 14,000.0                                                                                           | 7,954.2                      | 13,616.5                     | 7,526.3                      | 49.1                    | 48.9                 | 53.59                        | -5,443.6                                   | -752.0                    | 721.4                         | 621.3                          | 100.09         | 7.207                     |          |
| 14,060.0                                                                                           | 7,954.4                      | 13,676.5                     | 7,526.3                      | 49.6                    | 49.3                 | 53.58                        | -5,503.6                                   | -752.5                    | 721.5                         | 620.5                          | 100.95         | 7.147                     |          |
| 14,100.0                                                                                           | 7,954.5                      | 13,716.5                     | 7,526.2                      | 49.8                    | 49.6                 | 53.58                        | -5,543.6                                   | -752.8                    | 721.5                         | 620.0                          | 101.52         | 7.107                     |          |
| 14,155.0                                                                                           | 7,954.6                      | 13,771.5                     | 7,526.2                      | 50.2                    | 49.9                 | 53.57                        | -5,598.6                                   | -753.3                    | 721.6                         | 619.3                          | 102.31         | 7.053                     |          |
| 14,200.0                                                                                           | 7,954.7                      | 13,816.5                     | 7,526.2                      | 50.5                    | 50.3                 | 53.56                        | -5,643.6                                   | -753.7                    | 721.7                         | 618.7                          | 102.95         | 7.010                     |          |
| 14,250.0                                                                                           | 7,954.9                      | 13,866.5                     | 7,526.2                      | 50.9                    | 50.6                 | 53.55                        | -5,693.6                                   | -754.1                    | 721.8                         | 618.1                          | 103.67         | 6.962                     |          |
| 14,300.0                                                                                           | 7,955.0                      | 13,916.5                     | 7,526.2                      | 51.2                    | 51.0                 | 53.54                        | -5,743.6                                   | -754.6                    | 721.8                         | 617.5                          | 104.38         | 6.915                     |          |
| 14,345.0                                                                                           | 7,955.1                      | 13,961.5                     | 7,526.2                      | 51.6                    | 51.3                 | 53.53                        | -5,788.6                                   | -754.9                    | 721.9                         | 616.9                          | 105.03         | 6.873                     |          |
| 14,400.0                                                                                           | 7,955.3                      | 14,016.5                     | 7,526.2                      | 51.9                    | 51.7                 | 53.52                        | -5,843.6                                   | -755.4                    | 722.0                         | 616.2                          | 105.82         | 6.823                     |          |
| 14,440.0                                                                                           | 7,955.4                      | 14,056.5                     | 7,526.2                      | 52.2                    | 51.9                 | 53.51                        | -5,883.6                                   | -755.8                    | 722.1                         | 615.7                          | 106.40         | 6.787                     |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Warning</b>                 |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Separation Factor</b>  |          |
| 14,500.0                                                                                           | 7,955.5                      | 14,116.5                     | 7,526.2                      | 52.7                    | 52.4                 | 53.50                        | -5,943.6                                   | -756.3                    | 722.2                         | 614.9                          | 107.26                    | 6.733    |
| 14,535.0                                                                                           | 7,955.6                      | 14,151.5                     | 7,526.2                      | 52.9                    | 52.6                 | 53.50                        | -5,978.6                                   | -756.6                    | 722.2                         | 614.5                          | 107.76                    | 6.702    |
| 14,600.0                                                                                           | 7,955.8                      | 14,216.5                     | 7,526.2                      | 53.4                    | 53.1                 | 53.48                        | -6,043.6                                   | -757.1                    | 722.3                         | 613.6                          | 108.70                    | 6.645    |
| 14,630.0                                                                                           | 7,955.9                      | 14,246.5                     | 7,526.2                      | 53.6                    | 53.3                 | 53.48                        | -6,073.6                                   | -757.4                    | 722.4                         | 613.2                          | 109.14                    | 6.619    |
| 14,700.0                                                                                           | 7,956.1                      | 14,316.5                     | 7,526.2                      | 54.1                    | 53.8                 | 53.47                        | -6,143.6                                   | -758.0                    | 722.5                         | 612.3                          | 110.15                    | 6.559    |
| 14,725.0                                                                                           | 7,956.1                      | 14,341.5                     | 7,526.2                      | 54.2                    | 54.0                 | 53.46                        | -6,168.6                                   | -758.2                    | 722.5                         | 612.0                          | 110.51                    | 6.538    |
| 14,800.0                                                                                           | 7,956.3                      | 14,416.5                     | 7,526.2                      | 54.8                    | 54.5                 | 53.45                        | -6,243.6                                   | -758.9                    | 722.7                         | 611.1                          | 111.60                    | 6.476    |
| 14,820.0                                                                                           | 7,956.4                      | 14,436.5                     | 7,526.2                      | 54.9                    | 54.6                 | 53.44                        | -6,263.6                                   | -759.0                    | 722.7                         | 610.8                          | 111.89                    | 6.459    |
| 14,900.0                                                                                           | 7,956.6                      | 14,516.5                     | 7,526.1                      | 55.5                    | 55.2                 | 53.43                        | -6,343.6                                   | -759.7                    | 722.8                         | 609.8                          | 113.05                    | 6.394    |
| 14,915.0                                                                                           | 7,956.6                      | 14,531.5                     | 7,526.1                      | 55.6                    | 55.3                 | 53.43                        | -6,358.6                                   | -759.9                    | 722.8                         | 609.6                          | 113.26                    | 6.382    |
| 15,000.0                                                                                           | 7,956.9                      | 14,616.5                     | 7,526.1                      | 56.2                    | 55.9                 | 53.41                        | -6,443.6                                   | -760.6                    | 723.0                         | 608.5                          | 114.50                    | 6.314    |
| 15,010.0                                                                                           | 7,956.9                      | 14,626.5                     | 7,526.1                      | 56.3                    | 56.0                 | 53.41                        | -6,453.6                                   | -760.7                    | 723.0                         | 608.4                          | 114.64                    | 6.306    |
| 15,100.0                                                                                           | 7,957.1                      | 14,716.5                     | 7,526.1                      | 56.9                    | 56.6                 | 53.39                        | -6,543.6                                   | -761.5                    | 723.1                         | 607.2                          | 115.95                    | 6.236    |
| 15,105.0                                                                                           | 7,957.2                      | 14,721.5                     | 7,526.1                      | 57.0                    | 56.7                 | 53.39                        | -6,548.6                                   | -761.5                    | 723.2                         | 607.1                          | 116.03                    | 6.233    |
| 15,200.0                                                                                           | 7,957.4                      | 14,816.5                     | 7,526.1                      | 57.6                    | 57.4                 | 53.37                        | -6,643.6                                   | -762.3                    | 723.3                         | 605.9                          | 117.41                    | 6.160    |
| 15,295.0                                                                                           | 7,957.7                      | 14,911.5                     | 7,526.1                      | 58.3                    | 58.0                 | 53.36                        | -6,738.6                                   | -763.1                    | 723.5                         | 604.7                          | 118.80                    | 6.090    |
| 15,300.0                                                                                           | 7,957.7                      | 14,916.5                     | 7,526.1                      | 58.4                    | 58.1                 | 53.36                        | -6,743.6                                   | -763.2                    | 723.5                         | 604.6                          | 118.87                    | 6.086    |
| 15,390.0                                                                                           | 7,957.9                      | 15,006.5                     | 7,526.1                      | 59.0                    | 58.7                 | 53.34                        | -6,833.5                                   | -764.0                    | 723.6                         | 603.4                          | 120.19                    | 6.021    |
| 15,400.0                                                                                           | 7,957.9                      | 15,016.5                     | 7,526.1                      | 59.1                    | 58.8                 | 53.34                        | -6,843.5                                   | -764.0                    | 723.6                         | 603.3                          | 120.33                    | 6.014    |
| 15,485.0                                                                                           | 7,958.2                      | 15,101.5                     | 7,526.1                      | 59.7                    | 59.4                 | 53.32                        | -6,928.5                                   | -764.8                    | 723.8                         | 602.2                          | 121.58                    | 5.953    |
| 15,500.0                                                                                           | 7,958.2                      | 15,116.5                     | 7,526.1                      | 59.8                    | 59.5                 | 53.32                        | -6,943.5                                   | -764.9                    | 723.8                         | 602.0                          | 121.80                    | 5.943    |
| 15,580.0                                                                                           | 7,958.4                      | 15,196.5                     | 7,526.1                      | 60.4                    | 60.1                 | 53.31                        | -7,023.5                                   | -765.6                    | 723.9                         | 601.0                          | 122.97                    | 5.887    |
| 15,600.0                                                                                           | 7,958.5                      | 15,216.5                     | 7,526.1                      | 60.5                    | 60.2                 | 53.30                        | -7,043.5                                   | -765.8                    | 724.0                         | 600.7                          | 123.26                    | 5.873    |
| 15,675.0                                                                                           | 7,958.7                      | 15,291.5                     | 7,526.0                      | 61.1                    | 60.8                 | 53.29                        | -7,118.5                                   | -766.4                    | 724.1                         | 599.7                          | 124.36                    | 5.822    |
| 15,700.0                                                                                           | 7,958.8                      | 15,316.5                     | 7,526.0                      | 61.2                    | 61.0                 | 53.28                        | -7,143.5                                   | -766.6                    | 724.1                         | 599.4                          | 124.73                    | 5.806    |
| 15,770.0                                                                                           | 7,958.9                      | 15,386.5                     | 7,526.0                      | 61.7                    | 61.5                 | 53.27                        | -7,213.5                                   | -767.2                    | 724.2                         | 598.5                          | 125.76                    | 5.759    |
| 15,800.0                                                                                           | 7,959.0                      | 15,416.5                     | 7,526.0                      | 62.0                    | 61.7                 | 53.27                        | -7,243.5                                   | -767.5                    | 724.3                         | 598.1                          | 126.20                    | 5.739    |
| 15,865.0                                                                                           | 7,959.2                      | 15,481.5                     | 7,526.0                      | 62.4                    | 62.2                 | 53.25                        | -7,308.5                                   | -768.1                    | 724.4                         | 597.2                          | 127.16                    | 5.697    |
| 15,900.0                                                                                           | 7,959.3                      | 15,516.5                     | 7,526.0                      | 62.7                    | 62.4                 | 53.25                        | -7,343.5                                   | -768.4                    | 724.5                         | 596.8                          | 127.67                    | 5.674    |
| 15,960.0                                                                                           | 7,959.5                      | 15,576.5                     | 7,526.0                      | 63.1                    | 62.8                 | 53.24                        | -7,403.5                                   | -768.9                    | 724.6                         | 596.0                          | 128.56                    | 5.636    |
| 16,000.0                                                                                           | 7,959.6                      | 15,616.5                     | 7,526.0                      | 63.4                    | 63.1                 | 53.23                        | -7,443.5                                   | -769.2                    | 724.6                         | 595.5                          | 129.15                    | 5.611    |
| 16,055.0                                                                                           | 7,959.7                      | 15,671.5                     | 7,526.0                      | 63.8                    | 63.5                 | 53.22                        | -7,498.5                                   | -769.7                    | 724.7                         | 594.8                          | 129.96                    | 5.577    |
| 16,100.0                                                                                           | 7,959.8                      | 15,716.5                     | 7,526.0                      | 64.1                    | 63.9                 | 53.21                        | -7,543.5                                   | -770.1                    | 724.8                         | 594.2                          | 130.62                    | 5.549    |
| 16,150.0                                                                                           | 7,960.0                      | 15,766.5                     | 7,526.0                      | 64.5                    | 64.2                 | 53.20                        | -7,593.5                                   | -770.5                    | 724.9                         | 593.5                          | 131.36                    | 5.518    |
| 16,200.0                                                                                           | 7,960.1                      | 15,816.5                     | 7,526.0                      | 64.9                    | 64.6                 | 53.19                        | -7,643.5                                   | -770.9                    | 724.9                         | 592.8                          | 132.10                    | 5.488    |
| 16,245.0                                                                                           | 7,960.2                      | 15,861.5                     | 7,526.0                      | 65.2                    | 64.9                 | 53.19                        | -7,688.5                                   | -771.3                    | 725.0                         | 592.3                          | 132.76                    | 5.461    |
| 16,300.0                                                                                           | 7,960.4                      | 15,916.5                     | 7,526.0                      | 65.6                    | 65.3                 | 53.18                        | -7,743.5                                   | -771.8                    | 725.1                         | 591.5                          | 133.57                    | 5.429    |
| 16,340.0                                                                                           | 7,960.5                      | 15,956.5                     | 7,526.0                      | 65.9                    | 65.6                 | 53.17                        | -7,783.5                                   | -772.1                    | 725.2                         | 591.0                          | 134.17                    | 5.405    |
| 16,400.0                                                                                           | 7,960.6                      | 16,016.5                     | 7,525.9                      | 66.3                    | 66.0                 | 53.16                        | -7,843.5                                   | -772.7                    | 725.3                         | 590.2                          | 135.05                    | 5.370    |
| 16,435.0                                                                                           | 7,960.7                      | 16,051.5                     | 7,525.9                      | 66.6                    | 66.3                 | 53.15                        | -7,878.5                                   | -773.0                    | 725.3                         | 589.8                          | 135.57                    | 5.350    |
| 16,500.0                                                                                           | 7,960.9                      | 16,116.5                     | 7,525.9                      | 67.0                    | 66.8                 | 53.14                        | -7,943.5                                   | -773.5                    | 725.4                         | 588.9                          | 136.53                    | 5.313    |
| 16,530.0                                                                                           | 7,961.0                      | 16,146.5                     | 7,525.9                      | 67.3                    | 67.0                 | 53.13                        | -7,973.5                                   | -773.8                    | 725.5                         | 588.5                          | 136.98                    | 5.296    |
| 16,600.0                                                                                           | 7,961.2                      | 16,216.5                     | 7,525.9                      | 67.8                    | 67.5                 | 53.12                        | -8,043.5                                   | -774.4                    | 725.6                         | 587.6                          | 138.02                    | 5.257    |
| 16,625.0                                                                                           | 7,961.2                      | 16,241.5                     | 7,525.9                      | 67.9                    | 67.7                 | 53.12                        | -8,068.5                                   | -774.6                    | 725.6                         | 587.3                          | 138.39                    | 5.244    |
| 16,700.0                                                                                           | 7,961.4                      | 16,316.5                     | 7,525.9                      | 68.5                    | 68.2                 | 53.10                        | -8,143.5                                   | -775.3                    | 725.8                         | 586.3                          | 139.50                    | 5.203    |
| 16,720.0                                                                                           | 7,961.5                      | 16,336.5                     | 7,525.9                      | 68.6                    | 68.4                 | 53.10                        | -8,163.5                                   | -775.4                    | 725.8                         | 586.0                          | 139.80                    | 5.192    |
| 16,800.0                                                                                           | 7,961.7                      | 16,416.5                     | 7,525.9                      | 69.2                    | 69.0                 | 53.09                        | -8,243.5                                   | -776.1                    | 725.9                         | 584.9                          | 140.99                    | 5.149    |
| 16,815.0                                                                                           | 7,961.7                      | 16,431.5                     | 7,525.9                      | 69.3                    | 69.1                 | 53.08                        | -8,258.5                                   | -776.2                    | 726.0                         | 584.7                          | 141.21                    | 5.141    |
| 16,900.0                                                                                           | 7,962.0                      | 16,516.5                     | 7,525.9                      | 70.0                    | 69.7                 | 53.07                        | -8,343.5                                   | -777.0                    | 726.1                         | 583.6                          | 142.47                    | 5.096    |
| 16,910.0                                                                                           | 7,962.0                      | 16,526.5                     | 7,525.9                      | 70.0                    | 69.8                 | 53.07                        | -8,353.5                                   | -777.1                    | 726.1                         | 583.5                          | 142.62                    | 5.091    |
| 17,000.0                                                                                           | 7,962.2                      | 16,616.5                     | 7,525.9                      | 70.7                    | 70.4                 | 53.05                        | -8,443.5                                   | -777.8                    | 726.3                         | 582.3                          | 143.96                    | 5.045    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|----------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b> |                           |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>  |                           |          |
| 17,005.0                                                                                           | 7,962.3                      | 16,621.5                     | 7,525.9                      | 70.7                    | 70.5                 | 53.05                        | -8,448.5                                   | -777.9                    | 726.3                         | 582.2                          | 144.03         | 5.042                     |          |
| 17,100.0                                                                                           | 7,962.5                      | 16,716.5                     | 7,525.9                      | 71.4                    | 71.2                 | 53.03                        | -8,543.5                                   | -778.7                    | 726.4                         | 581.0                          | 145.45         | 4.994                     |          |
| 17,195.0                                                                                           | 7,962.8                      | 16,811.5                     | 7,525.8                      | 72.1                    | 71.9                 | 53.01                        | -8,638.5                                   | -779.5                    | 726.6                         | 579.7                          | 146.86         | 4.947                     |          |
| 17,200.0                                                                                           | 7,962.8                      | 16,816.5                     | 7,525.8                      | 72.2                    | 71.9                 | 53.01                        | -8,643.5                                   | -779.6                    | 726.6                         | 579.7                          | 146.94         | 4.945                     |          |
| 17,290.0                                                                                           | 7,963.0                      | 16,906.5                     | 7,525.8                      | 72.8                    | 72.6                 | 53.00                        | -8,733.5                                   | -780.3                    | 726.7                         | 578.5                          | 148.28         | 4.901                     |          |
| 17,300.0                                                                                           | 7,963.0                      | 16,916.5                     | 7,525.8                      | 72.9                    | 72.6                 | 53.00                        | -8,743.5                                   | -780.4                    | 726.8                         | 578.3                          | 148.43         | 4.896                     |          |
| 17,385.0                                                                                           | 7,963.3                      | 17,001.5                     | 7,525.8                      | 73.5                    | 73.3                 | 52.98                        | -8,828.5                                   | -781.2                    | 726.9                         | 577.2                          | 149.70         | 4.856                     |          |
| 17,400.0                                                                                           | 7,963.3                      | 17,016.5                     | 7,525.8                      | 73.6                    | 73.4                 | 52.98                        | -8,843.5                                   | -781.3                    | 726.9                         | 577.0                          | 149.92         | 4.849                     |          |
| 17,480.0                                                                                           | 7,963.5                      | 17,096.5                     | 7,525.8                      | 74.2                    | 74.0                 | 52.96                        | -8,923.5                                   | -782.0                    | 727.0                         | 575.9                          | 151.12         | 4.811                     |          |
| 17,500.0                                                                                           | 7,963.6                      | 17,116.5                     | 7,525.8                      | 74.4                    | 74.1                 | 52.96                        | -8,943.5                                   | -782.2                    | 727.1                         | 575.7                          | 151.41         | 4.802                     |          |
| 17,575.0                                                                                           | 7,963.8                      | 17,191.5                     | 7,525.8                      | 74.9                    | 74.7                 | 52.95                        | -9,018.5                                   | -782.8                    | 727.2                         | 574.7                          | 152.54         | 4.767                     |          |
| 17,600.0                                                                                           | 7,963.9                      | 17,216.5                     | 7,525.8                      | 75.1                    | 74.8                 | 52.94                        | -9,043.5                                   | -783.0                    | 727.2                         | 574.3                          | 152.91         | 4.756                     |          |
| 17,670.0                                                                                           | 7,964.0                      | 17,286.5                     | 7,525.8                      | 75.6                    | 75.4                 | 52.93                        | -9,113.5                                   | -783.6                    | 727.4                         | 573.4                          | 153.96         | 4.725                     |          |
| 17,700.0                                                                                           | 7,964.1                      | 17,316.5                     | 7,525.8                      | 75.8                    | 75.6                 | 52.92                        | -9,143.5                                   | -783.9                    | 727.4                         | 573.0                          | 154.40         | 4.711                     |          |
| 17,765.0                                                                                           | 7,964.3                      | 17,381.5                     | 7,525.8                      | 76.3                    | 76.1                 | 52.91                        | -9,208.4                                   | -784.4                    | 727.5                         | 572.1                          | 155.38         | 4.682                     |          |
| 17,800.0                                                                                           | 7,964.4                      | 17,416.5                     | 7,525.8                      | 76.6                    | 76.3                 | 52.91                        | -9,243.4                                   | -784.7                    | 727.6                         | 571.7                          | 155.90         | 4.667                     |          |
| 17,860.0                                                                                           | 7,964.5                      | 17,476.5                     | 7,525.8                      | 77.0                    | 76.8                 | 52.89                        | -9,303.4                                   | -785.3                    | 727.7                         | 570.9                          | 156.80         | 4.641                     |          |
| 17,900.0                                                                                           | 7,964.7                      | 17,516.5                     | 7,525.7                      | 77.3                    | 77.1                 | 52.89                        | -9,343.4                                   | -785.6                    | 727.7                         | 570.3                          | 157.40         | 4.624                     |          |
| 17,955.0                                                                                           | 7,964.8                      | 17,571.5                     | 7,525.7                      | 77.7                    | 77.5                 | 52.88                        | -9,398.4                                   | -786.1                    | 727.8                         | 569.6                          | 158.22         | 4.600                     |          |
| 18,000.0                                                                                           | 7,964.9                      | 17,616.5                     | 7,525.7                      | 78.0                    | 77.8                 | 52.87                        | -9,443.4                                   | -786.5                    | 727.9                         | 569.0                          | 158.90         | 4.581                     |          |
| 18,050.0                                                                                           | 7,965.1                      | 17,666.5                     | 7,525.7                      | 78.4                    | 78.2                 | 52.86                        | -9,493.4                                   | -786.9                    | 728.0                         | 568.3                          | 159.64         | 4.560                     |          |
| 18,100.0                                                                                           | 7,965.2                      | 17,716.5                     | 7,525.7                      | 78.8                    | 78.5                 | 52.85                        | -9,543.4                                   | -787.3                    | 728.1                         | 567.7                          | 160.39         | 4.539                     |          |
| 18,145.0                                                                                           | 7,965.3                      | 17,761.5                     | 7,525.7                      | 79.1                    | 78.9                 | 52.84                        | -9,588.4                                   | -787.7                    | 728.1                         | 567.1                          | 161.07         | 4.521                     |          |
| 18,200.0                                                                                           | 7,965.5                      | 17,816.5                     | 7,525.7                      | 79.5                    | 79.3                 | 52.83                        | -9,643.4                                   | -788.2                    | 728.2                         | 566.3                          | 161.89         | 4.498                     |          |
| 18,240.0                                                                                           | 7,965.6                      | 17,856.5                     | 7,525.7                      | 79.8                    | 79.6                 | 52.83                        | -9,683.4                                   | -788.5                    | 728.3                         | 565.8                          | 162.49         | 4.482                     |          |
| 18,300.0                                                                                           | 7,965.7                      | 17,916.5                     | 7,525.7                      | 80.3                    | 80.0                 | 52.82                        | -9,743.4                                   | -789.1                    | 728.4                         | 565.0                          | 163.40         | 4.458                     |          |
| 18,335.0                                                                                           | 7,965.8                      | 17,951.5                     | 7,525.7                      | 80.5                    | 80.3                 | 52.81                        | -9,778.4                                   | -789.4                    | 728.5                         | 564.5                          | 163.92         | 4.444                     |          |
| 18,400.0                                                                                           | 7,966.0                      | 18,016.5                     | 7,525.7                      | 81.0                    | 80.7                 | 52.80                        | -9,843.4                                   | -789.9                    | 728.6                         | 563.7                          | 164.90         | 4.418                     |          |
| 18,430.0                                                                                           | 7,966.1                      | 18,046.5                     | 7,525.7                      | 81.2                    | 81.0                 | 52.79                        | -9,873.4                                   | -790.2                    | 728.6                         | 563.3                          | 165.35         | 4.407                     |          |
| 18,500.0                                                                                           | 7,966.3                      | 18,116.5                     | 7,525.7                      | 81.7                    | 81.5                 | 52.78                        | -9,943.4                                   | -790.8                    | 728.7                         | 562.3                          | 166.40         | 4.379                     |          |
| 18,525.0                                                                                           | 7,966.3                      | 18,141.5                     | 7,525.7                      | 81.9                    | 81.7                 | 52.78                        | -9,968.4                                   | -791.0                    | 728.8                         | 562.0                          | 166.77         | 4.370                     |          |
| 18,600.0                                                                                           | 7,966.5                      | 18,216.5                     | 7,525.7                      | 82.5                    | 82.2                 | 52.76                        | -10,043.4                                  | -791.6                    | 728.9                         | 561.0                          | 167.90         | 4.341                     |          |
| 18,620.0                                                                                           | 7,966.6                      | 18,236.5                     | 7,525.7                      | 82.6                    | 82.4                 | 52.76                        | -10,063.4                                  | -791.8                    | 728.9                         | 560.7                          | 168.20         | 4.334                     |          |
| 18,700.0                                                                                           | 7,966.8                      | 18,316.5                     | 7,525.6                      | 83.2                    | 83.0                 | 52.74                        | -10,143.4                                  | -792.5                    | 729.1                         | 559.7                          | 169.41         | 4.304                     |          |
| 18,715.0                                                                                           | 7,966.8                      | 18,331.5                     | 7,525.6                      | 83.3                    | 83.1                 | 52.74                        | -10,158.4                                  | -792.6                    | 729.1                         | 559.5                          | 169.63         | 4.298                     |          |
| 18,800.0                                                                                           | 7,967.1                      | 18,416.5                     | 7,525.6                      | 84.0                    | 83.7                 | 52.73                        | -10,243.4                                  | -793.4                    | 729.2                         | 558.3                          | 170.91         | 4.267                     |          |
| 18,810.0                                                                                           | 7,967.1                      | 18,426.5                     | 7,525.6                      | 84.0                    | 83.8                 | 52.72                        | -10,253.4                                  | -793.4                    | 729.2                         | 558.2                          | 171.06         | 4.263                     |          |
| 18,900.0                                                                                           | 7,967.3                      | 18,516.5                     | 7,525.6                      | 84.7                    | 84.5                 | 52.71                        | -10,343.4                                  | -794.2                    | 729.4                         | 557.0                          | 172.42         | 4.230                     |          |
| 18,905.0                                                                                           | 7,967.4                      | 18,521.5                     | 7,525.6                      | 84.7                    | 84.5                 | 52.71                        | -10,348.4                                  | -794.3                    | 729.4                         | 556.9                          | 172.49         | 4.229                     |          |
| 19,000.0                                                                                           | 7,967.6                      | 18,616.5                     | 7,525.6                      | 85.5                    | 85.2                 | 52.69                        | -10,443.4                                  | -795.1                    | 729.6                         | 555.6                          | 173.92         | 4.195                     |          |
| 19,095.0                                                                                           | 7,967.9                      | 18,711.5                     | 7,525.6                      | 86.2                    | 85.9                 | 52.67                        | -10,538.4                                  | -795.9                    | 729.7                         | 554.4                          | 175.35         | 4.161                     |          |
| 19,100.0                                                                                           | 7,967.9                      | 18,716.5                     | 7,525.6                      | 86.2                    | 85.9                 | 52.67                        | -10,543.4                                  | -795.9                    | 729.7                         | 554.3                          | 175.43         | 4.160                     |          |
| 19,190.0                                                                                           | 7,968.1                      | 18,806.5                     | 7,525.6                      | 86.9                    | 86.6                 | 52.66                        | -10,633.4                                  | -796.7                    | 729.9                         | 553.1                          | 176.79         | 4.129                     |          |
| 19,200.0                                                                                           | 7,968.1                      | 18,816.5                     | 7,525.6                      | 86.9                    | 86.7                 | 52.66                        | -10,643.4                                  | -796.8                    | 729.9                         | 553.0                          | 176.94         | 4.125                     |          |
| 19,285.0                                                                                           | 7,968.4                      | 18,901.5                     | 7,525.6                      | 87.6                    | 87.3                 | 52.64                        | -10,728.4                                  | -797.5                    | 730.0                         | 551.8                          | 178.22         | 4.096                     |          |
| 19,300.0                                                                                           | 7,968.4                      | 18,916.5                     | 7,525.6                      | 87.7                    | 87.4                 | 52.64                        | -10,743.4                                  | -797.7                    | 730.1                         | 551.6                          | 178.45         | 4.091                     |          |
| 19,380.0                                                                                           | 7,968.6                      | 18,996.5                     | 7,525.6                      | 88.3                    | 88.0                 | 52.62                        | -10,823.4                                  | -798.4                    | 730.2                         | 550.5                          | 179.65         | 4.065                     |          |
| 19,400.0                                                                                           | 7,968.7                      | 19,016.5                     | 7,525.6                      | 88.4                    | 88.2                 | 52.62                        | -10,843.4                                  | -798.5                    | 730.2                         | 550.3                          | 179.95         | 4.058                     |          |
| 19,475.0                                                                                           | 7,968.9                      | 19,091.5                     | 7,525.5                      | 89.0                    | 88.7                 | 52.61                        | -10,918.4                                  | -799.2                    | 730.4                         | 549.3                          | 181.09         | 4.033                     |          |
| 19,500.0                                                                                           | 7,968.9                      | 19,116.5                     | 7,525.5                      | 89.2                    | 88.9                 | 52.60                        | -10,943.4                                  | -799.4                    | 730.4                         | 548.9                          | 181.46         | 4.025                     |          |
| 19,570.0                                                                                           | 7,969.1                      | 19,186.5                     | 7,525.5                      | 89.7                    | 89.4                 | 52.59                        | -11,013.4                                  | -800.0                    | 730.5                         | 548.0                          | 182.52         | 4.002                     |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                       |                       |                       |                  |               |                        |              |              |                        |                 |                    |       | Offset Site Error: | 0.0 usft |
|---------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-----------------|--------------------|-------|--------------------|----------|
| Survey Program: 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                       |                       |                       | Rule Assigned:   |               |                        |              |              | Offset Well Error:     |                 |                    |       | 3.0 usft           |          |
| Reference                                                                                   |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Distance               |                 | Minimum Separation |       | Warning            |          |
| Measured Depth (usft)                                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Ellipses (usft) | Separation Factor  |       |                    |          |
| 19,600.0                                                                                    | 7,969.2               | 19,216.5              | 7,525.5               | 89.9             | 89.7          | 52.58                  | -11,043.4    | -800.3       | 730.6                  | 547.6           | 182.97             | 3.993 |                    |          |
| 19,665.0                                                                                    | 7,969.4               | 19,281.5              | 7,525.5               | 90.4             | 90.2          | 52.57                  | -11,108.4    | -800.8       | 730.7                  | 546.7           | 183.96             | 3.972 |                    |          |
| 19,700.0                                                                                    | 7,969.5               | 19,316.5              | 7,525.5               | 90.7             | 90.4          | 52.57                  | -11,143.4    | -801.1       | 730.7                  | 546.2           | 184.48             | 3.961 |                    |          |
| 19,760.0                                                                                    | 7,969.6               | 19,376.5              | 7,525.5               | 91.1             | 90.9          | 52.56                  | -11,203.4    | -801.6       | 730.8                  | 545.4           | 185.39             | 3.942 |                    |          |
| 19,800.0                                                                                    | 7,969.8               | 19,416.5              | 7,525.5               | 91.4             | 91.2          | 52.55                  | -11,243.4    | -802.0       | 730.9                  | 544.9           | 186.00             | 3.930 |                    |          |
| 19,855.0                                                                                    | 7,969.9               | 19,471.5              | 7,525.5               | 91.8             | 91.6          | 52.54                  | -11,298.4    | -802.5       | 731.0                  | 544.2           | 186.83             | 3.913 |                    |          |
| 19,900.0                                                                                    | 7,970.0               | 19,516.5              | 7,525.5               | 92.2             | 91.9          | 52.53                  | -11,343.4    | -802.8       | 731.1                  | 543.6           | 187.51             | 3.899 |                    |          |
| 19,950.0                                                                                    | 7,970.2               | 19,566.5              | 7,525.5               | 92.5             | 92.3          | 52.52                  | -11,393.4    | -803.3       | 731.1                  | 542.9           | 188.26             | 3.884 |                    |          |
| 20,000.0                                                                                    | 7,970.3               | 19,616.5              | 7,525.5               | 92.9             | 92.7          | 52.51                  | -11,443.4    | -803.7       | 731.2                  | 542.2           | 189.02             | 3.869 |                    |          |
| 20,045.0                                                                                    | 7,970.4               | 19,661.5              | 7,525.5               | 93.2             | 93.0          | 52.50                  | -11,488.4    | -804.1       | 731.3                  | 541.6           | 189.70             | 3.855 |                    |          |
| 20,100.0                                                                                    | 7,970.6               | 19,716.5              | 7,525.5               | 93.6             | 93.4          | 52.49                  | -11,543.4    | -804.6       | 731.4                  | 540.9           | 190.53             | 3.839 |                    |          |
| 20,140.0                                                                                    | 7,970.7               | 19,756.5              | 7,525.5               | 93.9             | 93.7          | 52.49                  | -11,583.4    | -804.9       | 731.5                  | 540.3           | 191.14             | 3.827 |                    |          |
| 20,200.0                                                                                    | 7,970.8               | 19,816.5              | 7,525.4               | 94.4             | 94.1          | 52.48                  | -11,643.3    | -805.4       | 731.6                  | 539.5           | 192.05             | 3.809 |                    |          |
| 20,235.0                                                                                    | 7,970.9               | 19,851.5              | 7,525.4               | 94.7             | 94.4          | 52.47                  | -11,678.3    | -805.7       | 731.6                  | 539.0           | 192.58             | 3.799 |                    |          |
| 20,300.0                                                                                    | 7,971.1               | 19,916.5              | 7,525.4               | 95.1             | 94.9          | 52.46                  | -11,743.3    | -806.3       | 731.7                  | 538.2           | 193.56             | 3.780 |                    |          |
| 20,330.0                                                                                    | 7,971.2               | 19,946.5              | 7,525.4               | 95.4             | 95.1          | 52.45                  | -11,773.3    | -806.6       | 731.8                  | 537.8           | 194.01             | 3.772 |                    |          |
| 20,400.0                                                                                    | 7,971.4               | 20,016.5              | 7,525.4               | 95.9             | 95.6          | 52.44                  | -11,843.3    | -807.2       | 731.9                  | 536.8           | 195.07             | 3.752 |                    |          |
| 20,425.0                                                                                    | 7,971.4               | 20,041.5              | 7,525.4               | 96.1             | 95.8          | 52.44                  | -11,868.3    | -807.4       | 731.9                  | 536.5           | 195.45             | 3.745 |                    |          |
| 20,500.0                                                                                    | 7,971.6               | 20,116.5              | 7,525.4               | 96.6             | 96.4          | 52.42                  | -11,943.3    | -808.0       | 732.1                  | 535.5           | 196.59             | 3.724 |                    |          |
| 20,520.0                                                                                    | 7,971.7               | 20,136.5              | 7,525.4               | 96.8             | 96.5          | 52.42                  | -11,963.3    | -808.2       | 732.1                  | 535.2           | 196.89             | 3.718 |                    |          |
| 20,600.0                                                                                    | 7,971.9               | 20,216.5              | 7,525.4               | 97.4             | 97.1          | 52.41                  | -12,043.3    | -808.9       | 732.2                  | 534.1           | 198.10             | 3.696 |                    |          |
| 20,615.0                                                                                    | 7,971.9               | 20,231.5              | 7,525.4               | 97.5             | 97.2          | 52.40                  | -12,058.3    | -809.0       | 732.3                  | 533.9           | 198.33             | 3.692 |                    |          |
| 20,700.0                                                                                    | 7,972.2               | 20,316.5              | 7,525.4               | 98.1             | 97.9          | 52.39                  | -12,143.3    | -809.7       | 732.4                  | 532.8           | 199.62             | 3.669 |                    |          |
| 20,710.0                                                                                    | 7,972.2               | 20,326.5              | 7,525.4               | 98.2             | 98.0          | 52.39                  | -12,153.3    | -809.8       | 732.4                  | 532.6           | 199.77             | 3.666 |                    |          |
| 20,800.0                                                                                    | 7,972.4               | 20,416.5              | 7,525.4               | 98.9             | 98.6          | 52.37                  | -12,243.3    | -810.6       | 732.6                  | 531.4           | 201.14             | 3.642 |                    |          |
| 20,805.0                                                                                    | 7,972.4               | 20,421.5              | 7,525.4               | 98.9             | 98.7          | 52.37                  | -12,248.3    | -810.7       | 732.6                  | 531.4           | 201.21             | 3.641 |                    |          |
| 20,900.0                                                                                    | 7,972.7               | 20,516.4              | 7,525.4               | 99.6             | 99.4          | 52.35                  | -12,343.3    | -811.5       | 732.7                  | 530.1           | 202.65             | 3.616 |                    |          |
| 20,995.0                                                                                    | 7,973.0               | 20,611.4              | 7,525.3               | 100.3            | 100.1         | 52.34                  | -12,438.3    | -812.3       | 732.9                  | 528.8           | 204.10             | 3.591 |                    |          |
| 21,000.0                                                                                    | 7,973.0               | 20,616.4              | 7,525.3               | 100.4            | 100.1         | 52.34                  | -12,443.3    | -812.3       | 732.9                  | 528.7           | 204.17             | 3.590 |                    |          |
| 21,090.0                                                                                    | 7,973.2               | 20,706.4              | 7,525.3               | 101.0            | 100.8         | 52.32                  | -12,533.3    | -813.1       | 733.0                  | 527.5           | 205.54             | 3.567 |                    |          |
| 21,100.0                                                                                    | 7,973.2               | 20,716.4              | 7,525.3               | 101.1            | 100.9         | 52.32                  | -12,543.3    | -813.2       | 733.1                  | 527.4           | 205.69             | 3.564 |                    |          |
| 21,185.0                                                                                    | 7,973.5               | 20,801.4              | 7,525.3               | 101.8            | 101.5         | 52.30                  | -12,628.3    | -813.9       | 733.2                  | 526.2           | 206.98             | 3.542 |                    |          |
| 21,200.0                                                                                    | 7,973.5               | 20,816.4              | 7,525.3               | 101.9            | 101.6         | 52.30                  | -12,643.3    | -814.1       | 733.2                  | 526.0           | 207.21             | 3.539 |                    |          |
| 21,280.0                                                                                    | 7,973.7               | 20,896.4              | 7,525.3               | 102.5            | 102.2         | 52.29                  | -12,723.3    | -814.7       | 733.4                  | 524.9           | 208.42             | 3.519 |                    |          |
| 21,300.0                                                                                    | 7,973.8               | 20,916.4              | 7,525.3               | 102.6            | 102.4         | 52.28                  | -12,743.3    | -814.9       | 733.4                  | 524.7           | 208.73             | 3.514 |                    |          |
| 21,375.0                                                                                    | 7,974.0               | 20,991.4              | 7,525.3               | 103.2            | 102.9         | 52.27                  | -12,818.3    | -815.6       | 733.5                  | 523.7           | 209.86             | 3.495 |                    |          |
| 21,400.0                                                                                    | 7,974.0               | 21,016.4              | 7,525.3               | 103.4            | 103.1         | 52.26                  | -12,843.3    | -815.8       | 733.6                  | 523.3           | 210.24             | 3.489 |                    |          |
| 21,470.0                                                                                    | 7,974.2               | 21,086.4              | 7,525.3               | 103.9            | 103.7         | 52.25                  | -12,913.3    | -816.4       | 733.7                  | 522.4           | 211.31             | 3.472 |                    |          |
| 21,500.0                                                                                    | 7,974.3               | 21,116.4              | 7,525.3               | 104.1            | 103.9         | 52.25                  | -12,943.3    | -816.6       | 733.7                  | 522.0           | 211.76             | 3.465 |                    |          |
| 21,565.0                                                                                    | 7,974.5               | 21,181.4              | 7,525.3               | 104.6            | 104.4         | 52.24                  | -13,008.3    | -817.2       | 733.8                  | 521.1           | 212.75             | 3.449 |                    |          |
| 21,600.0                                                                                    | 7,974.6               | 21,216.4              | 7,525.3               | 104.9            | 104.6         | 52.23                  | -13,043.3    | -817.5       | 733.9                  | 520.6           | 213.28             | 3.441 |                    |          |
| 21,660.0                                                                                    | 7,974.7               | 21,276.4              | 7,525.3               | 105.3            | 105.1         | 52.22                  | -13,103.3    | -818.0       | 734.0                  | 519.8           | 214.20             | 3.427 |                    |          |
| 21,700.0                                                                                    | 7,974.9               | 21,316.4              | 7,525.3               | 105.6            | 105.4         | 52.21                  | -13,143.3    | -818.4       | 734.1                  | 519.3           | 214.80             | 3.417 |                    |          |
| 21,755.0                                                                                    | 7,975.0               | 21,371.4              | 7,525.2               | 106.0            | 105.8         | 52.20                  | -13,198.3    | -818.8       | 734.2                  | 518.5           | 215.64             | 3.405 |                    |          |
| 21,800.0                                                                                    | 7,975.1               | 21,416.4              | 7,525.2               | 106.4            | 106.1         | 52.19                  | -13,243.3    | -819.2       | 734.2                  | 517.9           | 216.32             | 3.394 |                    |          |
| 21,850.0                                                                                    | 7,975.3               | 21,466.4              | 7,525.2               | 106.7            | 106.5         | 52.19                  | -13,293.3    | -819.7       | 734.3                  | 517.2           | 217.09             | 3.383 |                    |          |
| 21,900.0                                                                                    | 7,975.4               | 21,516.4              | 7,525.2               | 107.1            | 106.9         | 52.18                  | -13,343.3    | -820.1       | 734.4                  | 516.6           | 217.85             | 3.371 |                    |          |
| 21,945.0                                                                                    | 7,975.5               | 21,561.4              | 7,525.2               | 107.5            | 107.2         | 52.17                  | -13,388.3    | -820.5       | 734.5                  | 516.0           | 218.53             | 3.361 |                    |          |
| 22,000.0                                                                                    | 7,975.7               | 21,616.4              | 7,525.2               | 107.9            | 107.6         | 52.16                  | -13,443.3    | -821.0       | 734.6                  | 515.2           | 219.37             | 3.349 |                    |          |
| 22,040.0                                                                                    | 7,975.8               | 21,656.4              | 7,525.2               | 108.2            | 107.9         | 52.15                  | -13,483.3    | -821.3       | 734.6                  | 514.7           | 219.98             | 3.340 |                    |          |
| 22,100.0                                                                                    | 7,975.9               | 21,716.4              | 7,525.2               | 108.6            | 108.4         | 52.14                  | -13,543.3    | -821.8       | 734.7                  | 513.9           | 220.89             | 3.326 |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                    |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                |                           |          |
|----------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|--------------------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------|----------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - FLAMING SNAIL FEDERAL COM #504H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-Standard Keeper 104, 2000-MWD+IFR1+MS, 7065-MWD+IFR1+MS                   |                              |                              |                              |                         |                      |                              |                                            |                           |                               |                                | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                                   | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Rule Assigned:</b>   |                      | <b>Distance</b>              |                                            | <b>Minimum Separation</b> |                               | <b>Separation</b>              | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre +N/-S (usft)</b> | <b>+E/-W (usft)</b>       | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Factor</b>             |          |
| 22,135.0                                                                                           | 7,976.0                      | 21,751.4                     | 7,525.2                      | 108.9                   | 108.6                | 52.14                        | -13,578.3                                  | -822.1                    | 734.8                         | 513.4                          | 221.42                    | 3.319    |
| 22,200.0                                                                                           | 7,976.2                      | 21,816.4                     | 7,525.2                      | 109.4                   | 109.1                | 52.12                        | -13,643.3                                  | -822.7                    | 734.9                         | 512.5                          | 222.41                    | 3.304    |
| 22,230.0                                                                                           | 7,976.3                      | 21,846.4                     | 7,525.2                      | 109.6                   | 109.4                | 52.12                        | -13,673.3                                  | -822.9                    | 735.0                         | 512.1                          | 222.87                    | 3.298    |
| 22,300.0                                                                                           | 7,976.5                      | 21,916.4                     | 7,525.2                      | 110.1                   | 109.9                | 52.11                        | -13,743.3                                  | -823.5                    | 735.1                         | 511.1                          | 223.93                    | 3.283    |
| 22,325.0                                                                                           | 7,976.5                      | 21,941.4                     | 7,525.2                      | 110.3                   | 110.1                | 52.10                        | -13,768.3                                  | -823.8                    | 735.1                         | 510.8                          | 224.31                    | 3.277    |
| 22,400.0                                                                                           | 7,976.7                      | 22,016.4                     | 7,525.2                      | 110.9                   | 110.6                | 52.09                        | -13,843.3                                  | -824.4                    | 735.2                         | 509.8                          | 225.46                    | 3.261    |
| 22,420.0                                                                                           | 7,976.8                      | 22,036.4                     | 7,525.2                      | 111.0                   | 110.8                | 52.09                        | -13,863.3                                  | -824.6                    | 735.3                         | 509.5                          | 225.76                    | 3.257    |
| 22,500.0                                                                                           | 7,977.0                      | 22,116.4                     | 7,525.1                      | 111.6                   | 111.4                | 52.07                        | -13,943.3                                  | -825.3                    | 735.4                         | 508.4                          | 226.98                    | 3.240    |
| 22,515.0                                                                                           | 7,977.0                      | 22,131.4                     | 7,525.1                      | 111.7                   | 111.5                | 52.07                        | -13,958.3                                  | -825.4                    | 735.4                         | 508.2                          | 227.21                    | 3.237    |
| 22,600.0                                                                                           | 7,977.3                      | 22,216.4                     | 7,525.1                      | 112.4                   | 112.1                | 52.05                        | -14,043.3                                  | -826.1                    | 735.6                         | 507.1                          | 228.50                    | 3.219    |
| 22,610.0                                                                                           | 7,977.3                      | 22,226.4                     | 7,525.1                      | 112.5                   | 112.2                | 52.05                        | -14,053.3                                  | -826.2                    | 735.6                         | 506.9                          | 228.65                    | 3.217    |
| 22,700.0                                                                                           | 7,977.5                      | 22,316.4                     | 7,525.1                      | 113.1                   | 112.9                | 52.04                        | -14,143.2                                  | -827.0                    | 735.8                         | 505.7                          | 230.03                    | 3.199    |
| 22,705.0                                                                                           | 7,977.5                      | 22,321.4                     | 7,525.1                      | 113.2                   | 112.9                | 52.04                        | -14,148.2                                  | -827.0                    | 735.8                         | 505.7                          | 230.10                    | 3.198    |
| 22,800.0                                                                                           | 7,977.8                      | 22,416.4                     | 7,525.1                      | 113.9                   | 113.6                | 52.02                        | -14,243.2                                  | -827.9                    | 735.9                         | 504.4                          | 231.55                    | 3.178    |
| 22,895.0                                                                                           | 7,978.1                      | 22,511.4                     | 7,525.1                      | 114.6                   | 114.4                | 52.00                        | -14,338.2                                  | -828.7                    | 736.1                         | 503.1                          | 233.00                    | 3.159    |
| 22,900.0                                                                                           | 7,978.1                      | 22,516.4                     | 7,525.1                      | 114.6                   | 114.4                | 52.00                        | -14,343.2                                  | -828.7                    | 736.1                         | 503.0                          | 233.07                    | 3.158    |
| 22,990.0                                                                                           | 7,978.3                      | 22,606.4                     | 7,525.1                      | 115.3                   | 115.1                | 51.99                        | -14,433.2                                  | -829.5                    | 736.2                         | 501.8                          | 234.45                    | 3.140    |
| 23,000.0                                                                                           | 7,978.3                      | 22,616.4                     | 7,525.1                      | 115.4                   | 115.2                | 51.98                        | -14,443.2                                  | -829.6                    | 736.3                         | 501.7                          | 234.60                    | 3.138    |
| 23,085.0                                                                                           | 7,978.6                      | 22,701.4                     | 7,525.1                      | 116.0                   | 115.8                | 51.97                        | -14,528.2                                  | -830.3                    | 736.4                         | 500.5                          | 235.89                    | 3.122    |
| 23,100.0                                                                                           | 7,978.6                      | 22,716.4                     | 7,525.1                      | 116.1                   | 115.9                | 51.97                        | -14,543.2                                  | -830.4                    | 736.4                         | 500.3                          | 236.12                    | 3.119    |
| 23,180.0                                                                                           | 7,978.8                      | 22,796.4                     | 7,525.1                      | 116.7                   | 116.5                | 51.95                        | -14,623.2                                  | -831.1                    | 736.6                         | 499.2                          | 237.34                    | 3.103    |
| 23,200.0                                                                                           | 7,978.9                      | 22,816.4                     | 7,525.1                      | 116.9                   | 116.7                | 51.95                        | -14,643.2                                  | -831.3                    | 736.6                         | 498.9                          | 237.65                    | 3.100    |
| 23,275.0                                                                                           | 7,979.1                      | 22,891.4                     | 7,525.0                      | 117.5                   | 117.2                | 51.94                        | -14,718.2                                  | -832.0                    | 736.7                         | 497.9                          | 238.79                    | 3.085    |
| 23,300.0                                                                                           | 7,979.1                      | 22,916.4                     | 7,525.0                      | 117.6                   | 117.4                | 51.93                        | -14,743.2                                  | -832.2                    | 736.8                         | 497.6                          | 239.17                    | 3.080    |
| 23,370.0                                                                                           | 7,979.3                      | 22,986.4                     | 7,525.0                      | 118.2                   | 117.9                | 51.92                        | -14,813.2                                  | -832.8                    | 736.9                         | 496.6                          | 240.24                    | 3.067    |
| 23,400.0                                                                                           | 7,979.4                      | 23,016.4                     | 7,525.0                      | 118.4                   | 118.2                | 51.91                        | -14,843.2                                  | -833.0                    | 736.9                         | 496.2                          | 240.70                    | 3.062    |
| 23,465.0                                                                                           | 7,979.6                      | 23,081.4                     | 7,525.0                      | 118.9                   | 118.7                | 51.90                        | -14,908.2                                  | -833.6                    | 737.0                         | 495.4                          | 241.69                    | 3.050    |
| 23,500.0                                                                                           | 7,979.7                      | 23,116.4                     | 7,525.0                      | 119.2                   | 118.9                | 51.90                        | -14,943.2                                  | -833.9                    | 737.1                         | 494.9                          | 242.23                    | 3.043    |
| 23,560.0                                                                                           | 7,979.8                      | 23,176.4                     | 7,525.0                      | 119.6                   | 119.4                | 51.89                        | -15,003.2                                  | -834.4                    | 737.2                         | 494.1                          | 243.14                    | 3.032    |
| 23,569.6                                                                                           | 7,979.9                      | 23,186.1                     | 7,525.0                      | 119.7                   | 119.4                | 51.88                        | -15,012.8                                  | -834.5                    | 737.2                         | 493.9                          | 243.29                    | 3.030    |
| 23,600.0                                                                                           | 7,979.9                      | 23,216.4                     | 7,525.0                      | 119.9                   | 119.7                | 51.88                        | -15,043.2                                  | -834.8                    | 737.3                         | 493.5                          | 243.75                    | 3.025    |
| 23,619.6                                                                                           | 7,980.0                      | 23,236.1                     | 7,525.0                      | 120.1                   | 119.8                | 51.87                        | -15,062.8                                  | -834.9                    | 737.3                         | 493.3                          | 244.05                    | 3.021 SF |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                       |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - WHITE CITY 21 25 27 FEDERAL COM #5H - OWB - AWP |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 431-MWD                                                                        |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                      | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Offset</b>           |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| <b>Measured Depth (usft)</b>                                                                          | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 4,500.0                                                                                               | 4,460.8                      | 4,417.6                      | 4,408.6                      | 11.6                    | 20.4                 | -38.36                       | 1,107.9                       | -785.6              | 997.9                         | 968.0                          | 29.89                            | 33.387                    |                |
| 4,560.0                                                                                               | 4,519.7                      | 4,464.0                      | 4,454.7                      | 11.8                    | 20.6                 | -39.01                       | 1,104.4                       | -790.2              | 990.2                         | 959.9                          | 30.35                            | 32.621                    |                |
| 4,600.0                                                                                               | 4,559.0                      | 4,495.0                      | 4,485.4                      | 12.0                    | 20.8                 | -39.45                       | 1,102.2                       | -793.6              | 985.6                         | 954.9                          | 30.67                            | 32.139                    |                |
| 4,655.0                                                                                               | 4,612.9                      | 4,543.3                      | 4,533.2                      | 12.1                    | 21.0                 | -40.15                       | 1,098.9                       | -799.2              | 979.7                         | 948.6                          | 31.13                            | 31.477                    |                |
| 4,700.0                                                                                               | 4,657.1                      | 4,588.2                      | 4,577.7                      | 12.3                    | 21.2                 | -40.81                       | 1,095.9                       | -804.5              | 975.1                         | 943.6                          | 31.53                            | 30.923                    |                |
| 4,750.0                                                                                               | 4,706.2                      | 4,638.2                      | 4,627.2                      | 12.5                    | 21.5                 | -41.55                       | 1,092.5                       | -810.2              | 970.0                         | 938.1                          | 31.99                            | 30.323                    |                |
| 4,800.0                                                                                               | 4,755.3                      | 4,688.1                      | 4,676.8                      | 12.6                    | 21.7                 | -42.29                       | 1,089.2                       | -815.8              | 965.0                         | 932.6                          | 32.45                            | 29.739                    |                |
| 4,845.0                                                                                               | 4,799.4                      | 4,733.3                      | 4,721.6                      | 12.8                    | 21.9                 | -42.96                       | 1,086.1                       | -820.7              | 960.6                         | 927.8                          | 32.82                            | 29.268                    |                |
| 4,900.0                                                                                               | 4,853.4                      | 4,788.8                      | 4,776.6                      | 13.0                    | 22.1                 | -43.79                       | 1,082.4                       | -826.6              | 955.2                         | 922.0                          | 33.23                            | 28.747                    |                |
| 4,940.0                                                                                               | 4,892.7                      | 4,829.2                      | 4,816.7                      | 13.1                    | 22.3                 | -44.39                       | 1,079.7                       | -830.8              | 951.3                         | 917.8                          | 33.53                            | 28.377                    |                |
| 5,000.0                                                                                               | 4,951.6                      | 4,889.7                      | 4,876.8                      | 13.3                    | 22.5                 | -45.30                       | 1,075.6                       | -836.9              | 945.6                         | 911.6                          | 33.97                            | 27.834                    |                |
| 5,035.0                                                                                               | 4,986.0                      | 4,921.5                      | 4,908.4                      | 13.4                    | 22.6                 | -45.78                       | 1,073.5                       | -840.1              | 942.3                         | 908.1                          | 34.22                            | 27.534                    |                |
| 5,100.0                                                                                               | 5,049.8                      | 4,978.2                      | 4,964.7                      | 13.6                    | 22.9                 | -46.64                       | 1,069.8                       | -845.9              | 936.7                         | 902.0                          | 34.68                            | 27.010                    |                |
| 5,130.0                                                                                               | 5,079.2                      | 5,004.5                      | 4,990.7                      | 13.7                    | 23.0                 | -47.05                       | 1,068.2                       | -848.8              | 934.4                         | 899.5                          | 34.89                            | 26.779                    |                |
| 5,200.0                                                                                               | 5,147.9                      | 5,065.6                      | 5,051.4                      | 14.0                    | 23.2                 | -47.99                       | 1,064.5                       | -855.6              | 929.5                         | 894.1                          | 35.38                            | 26.267                    |                |
| 5,225.0                                                                                               | 5,172.5                      | 5,089.0                      | 5,074.5                      | 14.1                    | 23.3                 | -48.36                       | 1,063.2                       | -858.3              | 927.9                         | 892.3                          | 35.57                            | 26.089                    |                |
| 5,300.0                                                                                               | 5,246.1                      | 5,156.6                      | 5,141.5                      | 14.3                    | 23.5                 | -49.42                       | 1,059.4                       | -866.4              | 923.7                         | 887.6                          | 36.11                            | 25.582                    |                |
| 5,320.0                                                                                               | 5,265.7                      | 5,175.0                      | 5,159.8                      | 14.4                    | 23.6                 | -49.71                       | 1,058.3                       | -868.6              | 922.7                         | 886.4                          | 36.25                            | 25.452                    |                |
| 5,400.0                                                                                               | 5,344.2                      | 5,248.6                      | 5,232.7                      | 14.7                    | 23.9                 | -50.90                       | 1,054.1                       | -877.8              | 919.1                         | 882.3                          | 36.83                            | 24.953                    |                |
| 5,415.0                                                                                               | 5,359.0                      | 5,262.4                      | 5,246.4                      | 14.7                    | 23.9                 | -51.12                       | 1,053.4                       | -879.5              | 918.5                         | 881.6                          | 36.94                            | 24.863                    |                |
| 5,500.0                                                                                               | 5,442.4                      | 5,346.9                      | 5,330.0                      | 15.0                    | 24.2                 | -52.50                       | 1,048.5                       | -890.3              | 915.5                         | 877.9                          | 37.59                            | 24.355                    |                |
| 5,510.0                                                                                               | 5,452.2                      | 5,357.0                      | 5,340.1                      | 15.0                    | 24.3                 | -52.66                       | 1,048.0                       | -891.5              | 915.2                         | 877.5                          | 37.67                            | 24.296                    |                |
| 5,600.0                                                                                               | 5,540.6                      | 5,448.4                      | 5,430.6                      | 15.4                    | 24.6                 | -54.15                       | 1,042.7                       | -902.7              | 912.2                         | 873.8                          | 38.36                            | 23.778                    |                |
| 5,605.0                                                                                               | 5,545.5                      | 5,453.5                      | 5,435.6                      | 15.4                    | 24.6                 | -54.23                       | 1,042.4                       | -903.3              | 912.0                         | 873.6                          | 38.40                            | 23.750                    |                |
| 5,700.0                                                                                               | 5,638.7                      | 5,547.9                      | 5,529.3                      | 15.7                    | 25.0                 | -55.76                       | 1,037.0                       | -914.3              | 909.1                         | 870.0                          | 39.12                            | 23.239                    |                |
| 5,795.0                                                                                               | 5,732.0                      | 5,642.2                      | 5,622.8                      | 16.0                    | 25.4                 | -57.28                       | 1,031.9                       | -924.9              | 906.7                         | 866.8                          | 39.84                            | 22.759                    |                |
| 5,800.0                                                                                               | 5,736.9                      | 5,647.2                      | 5,627.7                      | 16.1                    | 25.4                 | -57.35                       | 1,031.6                       | -925.4              | 906.5                         | 866.7                          | 39.88                            | 22.734                    |                |
| 5,889.3                                                                                               | 5,824.6                      | 5,743.1                      | 5,722.9                      | 16.4                    | 25.7                 | -58.90                       | 1,026.2                       | -935.6              | 904.3                         | 863.7                          | 40.58                            | 22.285                    |                |
| 5,890.0                                                                                               | 5,825.2                      | 5,743.8                      | 5,723.7                      | 16.4                    | 25.8                 | -58.91                       | 1,026.2                       | -935.7              | 904.3                         | 863.7                          | 40.58                            | 22.282                    |                |
| 5,900.0                                                                                               | 5,835.1                      | 5,754.7                      | 5,734.4                      | 16.4                    | 25.8                 | -59.09                       | 1,025.5                       | -936.8              | 904.0                         | 863.3                          | 40.66                            | 22.232                    |                |
| 5,985.0                                                                                               | 5,918.6                      | 5,846.9                      | 5,826.0                      | 16.7                    | 26.1                 | -60.57                       | 1,019.1                       | -945.9              | 901.8                         | 860.5                          | 41.33                            | 21.820                    |                |
| 6,000.0                                                                                               | 5,933.4                      | 5,862.1                      | 5,841.1                      | 16.7                    | 26.2                 | -60.81                       | 1,017.9                       | -947.3              | 901.5                         | 860.0                          | 41.44                            | 21.752                    |                |
| 6,080.0                                                                                               | 6,012.3                      | 5,941.2                      | 5,919.6                      | 17.0                    | 26.5                 | -62.08                       | 1,011.2                       | -954.8              | 900.1                         | 858.0                          | 42.03                            | 21.413                    |                |
| 6,100.0                                                                                               | 6,032.1                      | 5,960.9                      | 5,939.1                      | 17.1                    | 26.6                 | -62.40                       | 1,009.4                       | -956.8              | 899.8                         | 857.7                          | 42.18                            | 21.333                    |                |
| 6,172.5                                                                                               | 6,103.8                      | 6,032.4                      | 6,009.9                      | 17.3                    | 26.9                 | -63.55                       | 1,002.4                       | -963.8              | 899.5                         | 856.8                          | 42.71                            | 21.059 CC                 |                |
| 6,175.0                                                                                               | 6,106.2                      | 6,034.8                      | 6,012.3                      | 17.3                    | 26.9                 | -63.59                       | 1,002.1                       | -964.0              | 899.5                         | 856.8                          | 42.73                            | 21.050                    |                |
| 6,200.0                                                                                               | 6,131.0                      | 6,059.6                      | 6,036.8                      | 17.4                    | 27.0                 | -64.00                       | 999.5                         | -966.5              | 899.5                         | 856.6                          | 42.91                            | 20.961 ES                 |                |
| 6,270.0                                                                                               | 6,200.4                      | 6,129.2                      | 6,105.6                      | 17.7                    | 27.2                 | -65.14                       | 991.4                         | -973.5              | 900.1                         | 856.6                          | 43.43                            | 20.726                    |                |
| 6,300.0                                                                                               | 6,230.2                      | 6,159.0                      | 6,134.9                      | 17.8                    | 27.3                 | -65.64                       | 987.6                         | -976.5              | 900.5                         | 856.8                          | 43.65                            | 20.631                    |                |
| 6,365.0                                                                                               | 6,294.7                      | 6,223.2                      | 6,198.2                      | 18.0                    | 27.6                 | -66.72                       | 978.8                         | -983.2              | 901.7                         | 857.6                          | 44.12                            | 20.439                    |                |
| 6,400.0                                                                                               | 6,329.5                      | 6,259.5                      | 6,234.0                      | 18.1                    | 27.7                 | -67.33                       | 973.6                         | -987.0              | 902.6                         | 858.2                          | 44.38                            | 20.338                    |                |
| 6,460.0                                                                                               | 6,389.3                      | 6,323.3                      | 6,296.8                      | 18.3                    | 28.0                 | -68.35                       | 964.5                         | -993.2              | 904.2                         | 859.3                          | 44.83                            | 20.168                    |                |
| 6,500.0                                                                                               | 6,429.1                      | 6,366.0                      | 6,338.9                      | 18.5                    | 28.1                 | -69.00                       | 958.6                         | -997.1              | 905.3                         | 860.1                          | 45.13                            | 20.058                    |                |
| 6,555.0                                                                                               | 6,483.9                      | 6,424.9                      | 6,397.0                      | 18.6                    | 28.4                 | -69.86                       | 950.5                         | -1,002.2            | 906.9                         | 861.3                          | 45.55                            | 19.910                    |                |
| 6,600.0                                                                                               | 6,528.8                      | 6,470.8                      | 6,442.4                      | 18.8                    | 28.5                 | -70.48                       | 944.5                         | -1,006.0            | 908.2                         | 862.3                          | 45.89                            | 19.793                    |                |
| 6,650.0                                                                                               | 6,578.7                      | 6,522.2                      | 6,493.3                      | 19.0                    | 28.7                 | -71.13                       | 938.2                         | -1,009.9            | 909.9                         | 863.6                          | 46.26                            | 19.668                    |                |
| 6,700.0                                                                                               | 6,628.6                      | 6,573.9                      | 6,544.5                      | 19.1                    | 28.9                 | -71.72                       | 932.2                         | -1,013.7            | 911.6                         | 865.0                          | 46.64                            | 19.545                    |                |
| 6,745.0                                                                                               | 6,673.6                      | 6,621.7                      | 6,591.9                      | 19.3                    | 29.1                 | -72.22                       | 927.1                         | -1,017.0            | 913.3                         | 866.3                          | 46.99                            | 19.438                    |                |
| 6,800.0                                                                                               | 6,728.5                      | 6,688.6                      | 6,658.3                      | 19.5                    | 29.4                 | -72.80                       | 921.1                         | -1,020.8            | 915.0                         | 867.6                          | 47.40                            | 19.303                    |                |
| 6,840.0                                                                                               | 6,768.5                      | 6,737.0                      | 6,706.6                      | 19.6                    | 29.5                 | -73.12                       | 917.7                         | -1,022.9            | 915.9                         | 868.2                          | 47.70                            | 19.204                    |                |
| 6,900.0                                                                                               | 6,828.5                      | 6,809.7                      | 6,779.2                      | 19.8                    | 29.7                 | -73.45                       | 914.3                         | -1,024.9            | 916.8                         | 868.7                          | 48.12                            | 19.050                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - WHITE CITY 21 25 27 FEDERAL COM #5H - OWB - AWP |                       |                              |                              |                                  |                               |                       |                                     |                                     |                                 |                                  |                           | <b>Offset Site Error:</b> | 0.0 usft |
|-------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|------------------------------|----------------------------------|-------------------------------|-----------------------|-------------------------------------|-------------------------------------|---------------------------------|----------------------------------|---------------------------|---------------------------|----------|
| <b>Survey Program:</b> 431-MWD                                                                        |                       |                              |                              |                                  |                               |                       |                                     |                                     |                                 |                                  |                           | <b>Offset Well Error:</b> | 3.0 usft |
| Measured Depth (usft)                                                                                 | Vertical Depth (usft) | Offset Measured Depth (usft) | Offset Vertical Depth (usft) | Semi Major Axis Reference (usft) | Semi Major Axis Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Offset Wellbore Centre +E/-W (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor         | Warning  |
| 6,935.0                                                                                               | 6,863.5               | 6,851.5                      | 6,821.0                      | 19.9                             | 29.9                          | -73.56                | 913.1                               | -1,025.4                            | 917.0                           | 868.7                            | 48.35                     | 18.965                    |          |
| 6,989.5                                                                                               | 6,918.0               | 6,907.5                      | 6,876.9                      | 20.1                             | 30.0                          | -82.10                | 912.5                               | -1,025.7                            | 917.1                           | 868.4                            | 48.69                     | 18.834                    |          |
| 7,000.0                                                                                               | 6,928.5               | 6,917.2                      | 6,886.7                      | 20.1                             | 30.1                          | -82.10                | 912.5                               | -1,025.8                            | 917.2                           | 868.4                            | 48.76                     | 18.811                    |          |
| 7,030.0                                                                                               | 6,958.5               | 6,936.0                      | 6,905.5                      | 20.2                             | 30.1                          | -82.09                | 912.7                               | -1,025.8                            | 917.4                           | 868.5                            | 48.92                     | 18.752                    |          |
| 7,100.0                                                                                               | 7,028.5               | 6,985.0                      | 6,954.3                      | 20.4                             | 30.2                          | -81.92                | 915.7                               | -1,026.9                            | 919.5                           | 870.2                            | 49.30                     | 18.651                    |          |
| 7,125.0                                                                                               | 7,053.5               | 6,993.7                      | 6,963.0                      | 20.5                             | 30.3                          | -81.86                | 916.7                               | -1,027.2                            | 920.7                           | 871.3                            | 49.40                     | 18.637                    |          |
| 7,200.0                                                                                               | 7,128.5               | 7,030.0                      | 6,998.8                      | 20.7                             | 30.4                          | -81.53                | 922.2                               | -1,029.0                            | 926.4                           | 876.7                            | 49.71                     | 18.637                    |          |
| 7,220.0                                                                                               | 7,148.5               | 7,051.6                      | 7,019.9                      | 20.8                             | 30.4                          | -81.28                | 926.5                               | -1,030.3                            | 928.2                           | 878.4                            | 49.83                     | 18.626 SF                 |          |
| 7,300.0                                                                                               | 7,228.5               | 7,100.0                      | 7,066.6                      | 21.1                             | 30.6                          | -80.57                | 938.8                               | -1,033.8                            | 937.5                           | 887.3                            | 50.14                     | 18.699                    |          |
| 7,315.0                                                                                               | 7,243.5               | 7,109.0                      | 7,075.2                      | 21.1                             | 30.6                          | -80.41                | 941.5                               | -1,034.6                            | 939.5                           | 889.3                            | 50.19                     | 18.721                    |          |
| 7,400.0                                                                                               | 7,328.5               | 7,168.2                      | 7,130.2                      | 21.4                             | 30.7                          | -79.19                | 962.6                               | -1,039.7                            | 952.8                           | 902.3                            | 50.49                     | 18.872                    |          |
| 7,410.0                                                                                               | 7,338.5               | 7,176.0                      | 7,137.3                      | 21.4                             | 30.7                          | -79.01                | 965.8                               | -1,040.3                            | 954.5                           | 904.0                            | 50.51                     | 18.896                    |          |
| 7,437.5                                                                                               | 7,366.0               | 7,193.2                      | 7,152.7                      | 21.5                             | 30.8                          | -78.58                | 973.3                               | -1,041.7                            | 959.4                           | 908.8                            | 50.55                     | 18.978                    |          |
| 7,450.0                                                                                               | 7,378.5               | 7,200.9                      | 7,159.6                      | 21.5                             | 30.8                          | 100.90                | 976.8                               | -1,042.3                            | 961.7                           | 911.2                            | 50.54                     | 19.028                    |          |
| 7,500.0                                                                                               | 7,428.4               | 7,223.0                      | 7,178.9                      | 21.5                             | 30.8                          | 100.49                | 987.4                               | -1,044.0                            | 972.4                           | 922.0                            | 50.42                     | 19.287                    |          |
| 7,505.0                                                                                               | 7,433.4               | 7,232.6                      | 7,187.1                      | 21.6                             | 30.8                          | 100.70                | 992.2                               | -1,044.8                            | 973.6                           | 923.1                            | 50.46                     | 19.292                    |          |
| 7,550.0                                                                                               | 7,477.8               | 7,255.6                      | 7,206.6                      | 21.7                             | 30.9                          | 100.39                | 1,004.1                             | -1,046.6                            | 985.1                           | 934.8                            | 50.37                     | 19.559                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

### Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design: FLAMING SNAIL FED COM PROJECT - WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AWP |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 430-MWD                                                                        |                       |                       |                       | Rule Assigned:   |               |                       |                        |              |                        |                         |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                                      |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor | Warning                     |  |
| Measured Depth (usft)                                                                          | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                   |                             |  |
| 3,400.0                                                                                        | 3,381.0               | 3,340.8               | 3,340.5               | 8.4              | 16.9          | 24.64                 | 1,167.0                | 237.8        | 991.8                  | 967.0                   | 24.83                     | 39.938            |                             |  |
| 3,420.0                                                                                        | 3,400.6               | 3,360.5               | 3,360.2               | 8.4              | 17.0          | 24.73                 | 1,167.0                | 237.8        | 988.3                  | 963.4                   | 24.96                     | 39.591            |                             |  |
| 3,500.0                                                                                        | 3,479.2               | 3,440.1               | 3,439.8               | 8.7              | 17.2          | 25.11                 | 1,167.1                | 237.7        | 974.5                  | 949.1                   | 25.40                     | 38.364            |                             |  |
| 3,515.0                                                                                        | 3,493.9               | 3,455.0               | 3,454.7               | 8.7              | 17.3          | 25.18                 | 1,167.1                | 237.7        | 971.9                  | 946.5                   | 25.48                     | 38.144            |                             |  |
| 3,600.0                                                                                        | 3,577.3               | 3,539.7               | 3,539.4               | 8.9              | 17.4          | 25.60                 | 1,167.1                | 237.7        | 957.2                  | 931.3                   | 25.93                     | 36.916            |                             |  |
| 3,610.0                                                                                        | 3,587.1               | 3,549.7               | 3,549.4               | 9.0              | 17.5          | 25.65                 | 1,167.1                | 237.7        | 955.4                  | 929.5                   | 25.98                     | 36.773            |                             |  |
| 3,700.0                                                                                        | 3,675.5               | 3,638.0               | 3,637.7               | 9.2              | 17.7          | 26.10                 | 1,166.9                | 237.6        | 939.8                  | 913.3                   | 26.47                     | 35.508            |                             |  |
| 3,705.0                                                                                        | 3,680.4               | 3,642.9               | 3,642.6               | 9.2              | 17.7          | 26.12                 | 1,166.9                | 237.6        | 938.9                  | 912.5                   | 26.49                     | 35.439            |                             |  |
| 3,800.0                                                                                        | 3,773.7               | 3,735.7               | 3,735.5               | 9.5              | 18.0          | 26.61                 | 1,166.9                | 237.5        | 922.5                  | 895.5                   | 27.02                     | 34.148            |                             |  |
| 3,895.0                                                                                        | 3,866.9               | 3,829.6               | 3,829.4               | 9.8              | 18.2          | 27.12                 | 1,166.8                | 237.4        | 906.2                  | 878.7                   | 27.54                     | 32.900            |                             |  |
| 3,900.0                                                                                        | 3,871.8               | 3,834.6               | 3,834.3               | 9.8              | 18.2          | 27.14                 | 1,166.8                | 237.4        | 905.3                  | 877.8                   | 27.57                     | 32.835            |                             |  |
| 3,990.0                                                                                        | 3,960.2               | 3,923.8               | 3,923.5               | 10.1             | 18.5          | 27.64                 | 1,166.7                | 237.2        | 889.8                  | 861.8                   | 28.08                     | 31.690            |                             |  |
| 4,000.0                                                                                        | 3,970.0               | 3,933.7               | 3,933.4               | 10.1             | 18.5          | 27.70                 | 1,166.6                | 237.2        | 888.1                  | 860.0                   | 28.14                     | 31.566            |                             |  |
| 4,085.0                                                                                        | 4,053.4               | 4,017.5               | 4,017.2               | 10.3             | 18.7          | 28.19                 | 1,166.4                | 237.0        | 873.5                  | 844.9                   | 28.63                     | 30.510            |                             |  |
| 4,100.0                                                                                        | 4,068.1               | 4,032.3               | 4,032.0               | 10.4             | 18.8          | 28.28                 | 1,166.4                | 237.0        | 870.9                  | 842.2                   | 28.72                     | 30.326            |                             |  |
| 4,180.0                                                                                        | 4,146.7               | 4,111.0               | 4,110.8               | 10.6             | 19.0          | 28.75                 | 1,166.2                | 236.7        | 857.2                  | 828.0                   | 29.19                     | 29.365            |                             |  |
| 4,200.0                                                                                        | 4,166.3               | 4,130.7               | 4,130.5               | 10.7             | 19.1          | 28.87                 | 1,166.1                | 236.6        | 853.7                  | 824.4                   | 29.31                     | 29.130            |                             |  |
| 4,275.0                                                                                        | 4,239.9               | 4,204.4               | 4,204.2               | 10.9             | 19.3          | 29.33                 | 1,165.9                | 236.4        | 840.9                  | 811.1                   | 29.75                     | 28.261            |                             |  |
| 4,300.0                                                                                        | 4,264.5               | 4,229.0               | 4,228.7               | 11.0             | 19.4          | 29.48                 | 1,165.9                | 236.3        | 836.6                  | 806.7                   | 29.90                     | 27.978            |                             |  |
| 4,370.0                                                                                        | 4,333.2               | 4,297.8               | 4,297.5               | 11.2             | 19.6          | 29.93                 | 1,165.7                | 236.0        | 824.7                  | 794.4                   | 30.32                     | 27.197            |                             |  |
| 4,400.0                                                                                        | 4,362.6               | 4,327.2               | 4,326.9               | 11.3             | 19.7          | 30.12                 | 1,165.6                | 235.9        | 819.6                  | 789.1                   | 30.50                     | 26.868            |                             |  |
| 4,465.0                                                                                        | 4,426.4               | 4,390.6               | 4,390.3               | 11.5             | 19.8          | 30.55                 | 1,165.4                | 235.7        | 808.6                  | 777.7                   | 30.90                     | 26.169            |                             |  |
| 4,500.0                                                                                        | 4,460.8               | 4,424.7               | 4,424.5               | 11.6             | 19.9          | 30.78                 | 1,165.3                | 235.6        | 802.7                  | 771.6                   | 31.11                     | 25.800            |                             |  |
| 4,560.0                                                                                        | 4,519.7               | 4,483.3               | 4,483.0               | 11.8             | 20.1          | 31.19                 | 1,165.2                | 235.5        | 792.6                  | 761.2                   | 31.48                     | 25.180            |                             |  |
| 4,600.0                                                                                        | 4,559.0               | 4,522.3               | 4,522.0               | 12.0             | 20.2          | 31.47                 | 1,165.1                | 235.4        | 786.0                  | 754.3                   | 31.73                     | 24.775            |                             |  |
| 4,655.0                                                                                        | 4,612.9               | 4,576.5               | 4,576.2               | 12.1             | 20.4          | 31.87                 | 1,165.0                | 235.2        | 776.9                  | 744.8                   | 32.07                     | 24.227            |                             |  |
| 4,700.0                                                                                        | 4,657.1               | 4,620.9               | 4,620.6               | 12.3             | 20.5          | 32.20                 | 1,164.9                | 235.1        | 769.4                  | 737.1                   | 32.34                     | 23.788            |                             |  |
| 4,750.0                                                                                        | 4,706.2               | 4,670.2               | 4,669.9               | 12.5             | 20.7          | 32.57                 | 1,164.8                | 234.9        | 761.1                  | 728.5                   | 32.66                     | 23.308            |                             |  |
| 4,800.0                                                                                        | 4,755.3               | 4,719.3               | 4,719.0               | 12.6             | 20.8          | 32.96                 | 1,164.7                | 234.7        | 752.9                  | 719.9                   | 32.97                     | 22.836            |                             |  |
| 4,845.0                                                                                        | 4,799.4               | 4,762.7               | 4,762.4               | 12.8             | 21.0          | 33.30                 | 1,164.6                | 234.6        | 745.5                  | 712.2                   | 33.25                     | 22.418            |                             |  |
| 4,900.0                                                                                        | 4,853.4               | 4,815.7               | 4,815.4               | 13.0             | 21.1          | 33.73                 | 1,164.6                | 234.4        | 736.6                  | 703.0                   | 33.60                     | 21.920            |                             |  |
| 4,940.0                                                                                        | 4,892.7               | 4,854.2               | 4,854.0               | 13.1             | 21.2          | 34.05                 | 1,164.6                | 234.4        | 730.2                  | 696.3                   | 33.86                     | 21.566            |                             |  |
| 5,000.0                                                                                        | 4,951.6               | 4,912.2               | 4,912.0               | 13.3             | 21.4          | 34.54                 | 1,164.6                | 234.3        | 720.7                  | 686.5                   | 34.24                     | 21.048            |                             |  |
| 5,035.0                                                                                        | 4,986.0               | 4,946.5               | 4,946.2               | 13.4             | 21.5          | 34.84                 | 1,164.7                | 234.3        | 715.2                  | 680.7                   | 34.47                     | 20.751            |                             |  |
| 5,100.0                                                                                        | 5,049.8               | 5,015.1               | 5,014.8               | 13.6             | 21.7          | 35.46                 | 1,164.7                | 234.4        | 705.0                  | 670.1                   | 34.92                     | 20.188            |                             |  |
| 5,130.0                                                                                        | 5,079.2               | 5,055.7               | 5,055.4               | 13.7             | 21.9          | 35.87                 | 1,163.9                | 234.5        | 699.9                  | 664.8                   | 35.20                     | 19.886            |                             |  |
| 5,200.0                                                                                        | 5,147.9               | 5,153.4               | 5,153.0               | 14.0             | 22.5          | 37.08                 | 1,158.8                | 235.5        | 686.2                  | 650.2                   | 35.99                     | 19.066            |                             |  |
| 5,225.0                                                                                        | 5,172.5               | 5,188.7               | 5,188.1               | 14.1             | 22.8          | 37.60                 | 1,155.6                | 236.1        | 680.6                  | 644.3                   | 36.30                     | 18.748            |                             |  |
| 5,300.0                                                                                        | 5,246.1               | 5,260.4               | 5,259.5               | 14.3             | 23.0          | 38.73                 | 1,148.5                | 237.3        | 663.4                  | 626.6                   | 36.84                     | 18.008            |                             |  |
| 5,320.0                                                                                        | 5,265.7               | 5,279.6               | 5,278.6               | 14.4             | 23.1          | 39.04                 | 1,146.6                | 237.6        | 658.8                  | 621.9                   | 36.98                     | 17.815            |                             |  |
| 5,400.0                                                                                        | 5,344.2               | 5,357.0               | 5,355.5               | 14.7             | 23.3          | 40.33                 | 1,138.9                | 238.8        | 640.8                  | 603.3                   | 37.50                     | 17.087            |                             |  |
| 5,415.0                                                                                        | 5,359.0               | 5,371.5               | 5,370.0               | 14.7             | 23.4          | 40.58                 | 1,137.5                | 239.0        | 637.4                  | 599.8                   | 37.60                     | 16.953            |                             |  |
| 5,500.0                                                                                        | 5,442.4               | 5,452.0               | 5,450.1               | 15.0             | 23.6          | 41.99                 | 1,129.6                | 239.9        | 618.6                  | 580.5                   | 38.15                     | 16.215            |                             |  |
| 5,510.0                                                                                        | 5,452.2               | 5,461.5               | 5,459.5               | 15.0             | 23.6          | 42.16                 | 1,128.7                | 240.0        | 616.5                  | 578.2                   | 38.22                     | 16.130            |                             |  |
| 5,600.0                                                                                        | 5,540.6               | 5,547.2               | 5,544.8               | 15.4             | 23.9          | 43.74                 | 1,120.5                | 240.9        | 597.2                  | 558.4                   | 38.80                     | 15.391            |                             |  |
| 5,605.0                                                                                        | 5,545.5               | 5,552.0               | 5,549.6               | 15.4             | 23.9          | 43.83                 | 1,120.1                | 241.0        | 596.1                  | 557.3                   | 38.83                     | 15.351            |                             |  |
| 5,700.0                                                                                        | 5,638.7               | 5,643.3               | 5,640.5               | 15.7             | 24.1          | 45.60                 | 1,111.6                | 241.7        | 576.4                  | 536.9                   | 39.44                     | 14.613            |                             |  |
| 5,795.0                                                                                        | 5,732.0               | 5,731.8               | 5,728.6               | 16.0             | 24.4          | 47.43                 | 1,103.5                | 242.5        | 557.4                  | 517.3                   | 40.06                     | 13.913            |                             |  |
| 5,800.0                                                                                        | 5,736.9               | 5,736.4               | 5,733.2               | 16.1             | 24.4          | 47.52                 | 1,103.1                | 242.5        | 556.4                  | 516.3                   | 40.09                     | 13.877            |                             |  |
| 5,889.3                                                                                        | 5,824.6               | 5,819.2               | 5,815.7               | 16.4             | 24.7          | 49.31                 | 1,096.1                | 243.4        | 539.6                  | 499.0                   | 40.67                     | 13.270            |                             |  |
| 5,890.0                                                                                        | 5,825.2               | 5,819.8               | 5,816.3               | 16.4             | 24.7          | 49.32                 | 1,096.1                | 243.4        | 539.5                  | 498.9                   | 40.67                     | 13.266            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                                                                                       |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                           |                |
|-------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> FLAMING SNAIL FED COM PROJECT - WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AWP |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 430-MWD                                                                        |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                      | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Offset</b>           |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| <b>Measured Depth (usft)</b>                                                                          | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                           |                |
| 5,900.0                                                                                               | 5,835.1                      | 5,829.1                      | 5,825.6                      | 16.4                    | 24.7                 | 49.51                        | 1,095.3                       | 243.4               | 537.7                         | 497.0                          | 40.73                            | 13.202                    |                |
| 5,985.0                                                                                               | 5,918.6                      | 5,907.9                      | 5,904.2                      | 16.7                    | 24.9                 | 51.06                        | 1,089.5                       | 244.0               | 523.4                         | 482.1                          | 41.26                            | 12.685                    |                |
| 6,000.0                                                                                               | 5,933.4                      | 5,921.8                      | 5,918.1                      | 16.7                    | 25.0                 | 51.33                        | 1,088.6                       | 244.1               | 521.1                         | 479.7                          | 41.35                            | 12.600                    |                |
| 6,080.0                                                                                               | 6,012.3                      | 6,003.2                      | 5,999.3                      | 17.0                    | 25.2                 | 52.90                        | 1,083.0                       | 244.7               | 509.2                         | 467.4                          | 41.84                            | 12.171                    |                |
| 6,100.0                                                                                               | 6,032.1                      | 6,024.6                      | 6,020.6                      | 17.1                    | 25.3                 | 53.31                        | 1,081.4                       | 244.7               | 506.3                         | 464.3                          | 41.96                            | 12.066                    |                |
| 6,175.0                                                                                               | 6,106.2                      | 6,096.8                      | 6,092.5                      | 17.3                    | 25.5                 | 54.69                        | 1,075.7                       | 244.8               | 495.6                         | 453.2                          | 42.42                            | 11.682                    |                |
| 6,200.0                                                                                               | 6,131.0                      | 6,119.9                      | 6,115.6                      | 17.4                    | 25.6                 | 55.12                        | 1,074.0                       | 244.9               | 492.3                         | 449.8                          | 42.58                            | 11.563                    |                |
| 6,270.0                                                                                               | 6,200.4                      | 6,186.5                      | 6,182.1                      | 17.7                    | 25.8                 | 56.32                        | 1,069.4                       | 245.1               | 484.0                         | 441.0                          | 43.01                            | 11.252                    |                |
| 6,300.0                                                                                               | 6,230.2                      | 6,215.6                      | 6,211.0                      | 17.8                    | 25.9                 | 56.80                        | 1,067.6                       | 245.1               | 480.7                         | 437.5                          | 43.20                            | 11.128                    |                |
| 6,365.0                                                                                               | 6,294.7                      | 6,281.3                      | 6,276.6                      | 18.0                    | 26.1                 | 57.86                        | 1,063.5                       | 245.0               | 473.9                         | 430.4                          | 43.59                            | 10.873                    |                |
| 6,400.0                                                                                               | 6,329.5                      | 6,317.3                      | 6,312.6                      | 18.1                    | 26.2                 | 58.46                        | 1,061.0                       | 245.0               | 470.4                         | 426.6                          | 43.80                            | 10.740                    |                |
| 6,460.0                                                                                               | 6,389.3                      | 6,374.6                      | 6,369.7                      | 18.3                    | 26.3                 | 59.38                        | 1,057.0                       | 245.0               | 464.6                         | 420.5                          | 44.17                            | 10.520                    |                |
| 6,500.0                                                                                               | 6,429.1                      | 6,411.9                      | 6,407.0                      | 18.5                    | 26.5                 | 59.93                        | 1,054.7                       | 245.0               | 461.3                         | 416.8                          | 44.42                            | 10.384                    |                |
| 6,555.0                                                                                               | 6,483.9                      | 6,466.5                      | 6,461.4                      | 18.6                    | 26.6                 | 60.66                        | 1,051.7                       | 244.9               | 457.1                         | 412.3                          | 44.76                            | 10.213                    |                |
| 6,600.0                                                                                               | 6,528.8                      | 6,512.1                      | 6,507.1                      | 18.8                    | 26.8                 | 61.25                        | 1,049.0                       | 244.9               | 453.9                         | 408.8                          | 45.03                            | 10.079                    |                |
| 6,650.0                                                                                               | 6,578.7                      | 6,560.0                      | 6,554.8                      | 19.0                    | 26.9                 | 61.85                        | 1,046.1                       | 244.9               | 450.5                         | 405.2                          | 45.34                            | 9.937                     |                |
| 6,700.0                                                                                               | 6,628.6                      | 6,607.2                      | 6,602.0                      | 19.1                    | 27.1                 | 62.41                        | 1,043.4                       | 245.0               | 447.7                         | 402.1                          | 45.65                            | 9.808                     |                |
| 6,745.0                                                                                               | 6,673.6                      | 6,651.4                      | 6,646.1                      | 19.3                    | 27.2                 | 62.89                        | 1,041.1                       | 245.3               | 445.6                         | 399.6                          | 45.92                            | 9.703                     |                |
| 6,800.0                                                                                               | 6,728.5                      | 6,706.1                      | 6,700.7                      | 19.5                    | 27.4                 | 63.42                        | 1,038.3                       | 245.6               | 443.2                         | 397.0                          | 46.26                            | 9.582                     |                |
| 6,840.0                                                                                               | 6,768.5                      | 6,745.2                      | 6,739.8                      | 19.6                    | 27.5                 | 63.76                        | 1,036.4                       | 245.8               | 441.7                         | 395.2                          | 46.50                            | 9.499                     |                |
| 6,900.0                                                                                               | 6,828.5                      | 6,803.8                      | 6,798.3                      | 19.8                    | 27.7                 | 64.18                        | 1,033.8                       | 246.0               | 439.9                         | 393.0                          | 46.88                            | 9.384                     |                |
| 6,935.0                                                                                               | 6,863.5                      | 6,837.6                      | 6,832.1                      | 19.9                    | 27.8                 | 64.37                        | 1,032.5                       | 246.1               | 439.0                         | 391.9                          | 47.10                            | 9.322                     |                |
| 6,989.5                                                                                               | 6,918.0                      | 6,890.4                      | 6,884.8                      | 20.1                    | 28.0                 | 65.03                        | 1,031.2                       | 246.0               | 438.1                         | 390.6                          | 47.45                            | 9.232                     |                |
| 7,000.0                                                                                               | 6,928.5                      | 6,900.5                      | 6,895.0                      | 20.1                    | 28.0                 | 65.05                        | 1,031.1                       | 246.0               | 438.0                         | 390.4                          | 47.52                            | 9.216                     |                |
| 7,030.0                                                                                               | 6,958.5                      | 6,930.4                      | 6,924.8                      | 20.2                    | 28.1                 | 65.07                        | 1,030.7                       | 245.7               | 437.6                         | 389.9                          | 47.71                            | 9.172                     |                |
| 7,100.0                                                                                               | 7,028.5                      | 6,998.2                      | 6,992.7                      | 20.4                    | 28.3                 | 65.10                        | 1,030.1                       | 245.2               | 436.8                         | 388.6                          | 48.16                            | 9.069                     |                |
| 7,116.1                                                                                               | 7,044.6                      | 7,011.1                      | 7,005.6                      | 20.5                    | 28.4                 | 65.07                        | 1,030.2                       | 245.1               | 436.7                         | 388.5                          | 48.26                            | 9.049 CC                  |                |
| 7,125.0                                                                                               | 7,053.5                      | 7,018.3                      | 7,012.7                      | 20.5                    | 28.4                 | 65.05                        | 1,030.4                       | 245.0               | 436.7                         | 388.4                          | 48.32                            | 9.039 ES                  |                |
| 7,200.0                                                                                               | 7,128.5                      | 7,070.7                      | 7,064.9                      | 20.7                    | 28.6                 | 65.57                        | 1,034.2                       | 244.0               | 438.7                         | 390.0                          | 48.75                            | 8.999 SF                  |                |
| 7,220.0                                                                                               | 7,148.5                      | 7,086.0                      | 7,080.1                      | 20.8                    | 28.6                 | 65.31                        | 1,036.4                       | 243.7               | 440.1                         | 391.2                          | 48.86                            | 9.006                     |                |
| 7,300.0                                                                                               | 7,228.5                      | 7,132.7                      | 7,125.7                      | 21.1                    | 28.8                 | 64.22                        | 1,046.2                       | 243.1               | 448.8                         | 399.7                          | 49.09                            | 9.141                     |                |
| 7,315.0                                                                                               | 7,243.5                      | 7,142.2                      | 7,134.9                      | 21.1                    | 28.8                 | 63.93                        | 1,048.8                       | 242.9               | 451.0                         | 401.9                          | 49.12                            | 9.181                     |                |
| 7,400.0                                                                                               | 7,328.5                      | 7,196.4                      | 7,185.9                      | 21.4                    | 29.0                 | 62.01                        | 1,066.7                       | 241.5               | 466.9                         | 417.7                          | 49.21                            | 9.488                     |                |
| 7,410.0                                                                                               | 7,338.5                      | 7,202.1                      | 7,191.2                      | 21.4                    | 29.0                 | 61.78                        | 1,068.9                       | 241.3               | 469.1                         | 419.9                          | 49.19                            | 9.537                     |                |
| 7,437.5                                                                                               | 7,366.0                      | 7,213.0                      | 7,201.2                      | 21.5                    | 29.0                 | 61.32                        | 1,073.3                       | 241.0               | 475.9                         | 426.8                          | 49.03                            | 9.706                     |                |
| 7,450.0                                                                                               | 7,378.5                      | 7,225.2                      | 7,212.3                      | 21.5                    | 29.0                 | -129.44                      | 1,078.4                       | 240.6               | 479.2                         | 430.1                          | 49.07                            | 9.764                     |                |
| 7,500.0                                                                                               | 7,428.4                      | 7,252.8                      | 7,236.9                      | 21.5                    | 29.1                 | -129.52                      | 1,090.9                       | 239.8               | 495.5                         | 446.7                          | 48.82                            | 10.149                    |                |
| 7,505.0                                                                                               | 7,433.4                      | 7,255.4                      | 7,239.2                      | 21.6                    | 29.1                 | -129.51                      | 1,092.1                       | 239.7               | 497.4                         | 448.6                          | 48.79                            | 10.194                    |                |
| 7,550.0                                                                                               | 7,477.8                      | 7,276.0                      | 7,257.2                      | 21.7                    | 29.2                 | -129.16                      | 1,102.2                       | 239.1               | 516.6                         | 468.0                          | 48.51                            | 10.649                    |                |
| 7,600.0                                                                                               | 7,526.3                      | 7,298.4                      | 7,276.2                      | 21.9                    | 29.2                 | -128.43                      | 1,113.8                       | 238.5               | 542.2                         | 494.0                          | 48.21                            | 11.247                    |                |
| 7,650.0                                                                                               | 7,573.7                      | 7,315.8                      | 7,290.8                      | 22.1                    | 29.3                 | -126.92                      | 1,123.4                       | 238.0               | 572.0                         | 524.2                          | 47.82                            | 11.962                    |                |
| 7,695.0                                                                                               | 7,614.9                      | 7,328.4                      | 7,301.1                      | 22.2                    | 29.3                 | -124.80                      | 1,130.6                       | 237.7               | 602.2                         | 554.8                          | 47.46                            | 12.689                    |                |
| 7,700.0                                                                                               | 7,619.4                      | 7,329.6                      | 7,302.1                      | 22.2                    | 29.3                 | -124.51                      | 1,131.3                       | 237.6               | 605.7                         | 558.3                          | 47.42                            | 12.773                    |                |
| 7,750.0                                                                                               | 7,663.2                      | 7,340.0                      | 7,310.5                      | 22.4                    | 29.3                 | -120.97                      | 1,137.5                       | 237.3               | 642.8                         | 595.8                          | 47.03                            | 13.668                    |                |
| 7,790.0                                                                                               | 7,696.7                      | 7,340.0                      | 7,310.5                      | 22.5                    | 29.3                 | -116.41                      | 1,137.5                       | 237.3               | 674.5                         | 627.9                          | 46.56                            | 14.488                    |                |
| 7,800.0                                                                                               | 7,704.8                      | 7,348.5                      | 7,317.2                      | 22.5                    | 29.4                 | -116.22                      | 1,142.6                       | 237.0               | 682.6                         | 635.9                          | 46.70                            | 14.617                    |                |
| 7,850.0                                                                                               | 7,743.8                      | 7,353.9                      | 7,321.5                      | 22.7                    | 29.4                 | -109.86                      | 1,146.0                       | 236.8               | 724.5                         | 678.1                          | 46.41                            | 15.612                    |                |
| 7,885.0                                                                                               | 7,769.4                      | 7,356.3                      | 7,323.3                      | 22.8                    | 29.4                 | -104.37                      | 1,147.5                       | 236.8               | 754.9                         | 708.6                          | 46.24                            | 16.326                    |                |
| 7,900.0                                                                                               | 7,779.9                      | 7,357.0                      | 7,323.8                      | 22.8                    | 29.4                 | -101.76                      | 1,147.9                       | 236.7               | 768.1                         | 721.9                          | 46.18                            | 16.633                    |                |
| 7,950.0                                                                                               | 7,812.9                      | 7,357.9                      | 7,324.6                      | 22.9                    | 29.4                 | -92.01                       | 1,148.5                       | 236.7               | 812.8                         | 766.8                          | 46.02                            | 17.663                    |                |
| 7,980.0                                                                                               | 7,831.0                      | 7,357.5                      | 7,324.3                      | 22.9                    | 29.4                 | -85.56                       | 1,148.3                       | 236.7               | 839.9                         | 794.0                          | 45.95                            | 18.279                    |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                                 |                              |                                      |
|--------------------|---------------------------------|------------------------------|--------------------------------------|
| Company:           | DELAWARE BASIN WEST             | Local Co-ordinate Reference: | Well FLAMING SNAIL FEDERAL COM #521H |
| Project:           | ATLAS PROSPECT (NM-E)           | TVD Reference:               | *KB=30ft @ 3188.0usft                |
| Reference Site:    | FLAMING SNAIL FED COM PROJECT   | MD Reference:                | *KB=30ft @ 3188.0usft                |
| Site Error:        | 0.0 usft                        | North Reference:             | Grid                                 |
| Reference Well:    | FLAMING SNAIL FEDERAL COM #521H | Survey Calculation Method:   | Minimum Curvature                    |
| Well Error:        | 3.0 usft                        | Output errors are at         | 2.00 sigma                           |
| Reference Wellbore | OWB                             | Database:                    | EDT 15 Central Prod                  |
| Reference Design:  | PWP0                            | Offset TVD Reference:        | Offset Datum                         |

|                 |                                                                                 |          |          |                 |        |          |                        |        |          |          |            |                    |          |
|-----------------|---------------------------------------------------------------------------------|----------|----------|-----------------|--------|----------|------------------------|--------|----------|----------|------------|--------------------|----------|
| Offset Design:  | FLAMING SNAIL FED COM PROJECT - WHITE CITY 21 25 27 FEDERAL COM #6H - OWB - AWP |          |          |                 |        |          |                        |        |          |          |            | Offset Site Error: | 0.0 usft |
| Survey Program: | 430-MWD                                                                         |          |          |                 |        |          |                        |        |          |          |            | Offset Well Error: | 3.0 usft |
| Reference       | Rule Assigned:                                                                  |          |          |                 |        |          |                        |        |          |          |            |                    |          |
| Measured        | Vertical                                                                        | Measured | Vertical | Semi Major Axis |        | Highside | Offset Wellbore Centre |        | Distance |          | Minimum    | Separation         | Warning  |
| Depth           | Depth                                                                           | Depth    | Depth    | Reference       | Offset |          | +N/-S                  | +E/-W  | Between  | Between  |            |                    |          |
| (usft)          | (usft)                                                                          | (usft)   | (usft)   | (usft)          | (usft) | Toolface | (usft)                 | (usft) | Centres  | Ellipses | Separation | Factor             |          |
|                 |                                                                                 |          |          |                 |        | (°)      |                        |        | (usft)   | (usft)   | (usft)     |                    |          |
| 8,000.0         | 7,842.4                                                                         | 7,357.0  | 7,323.8  | 23.0            | 29.4   | -81.13   | 1,147.9                | 236.7  | 858.1    | 812.2    | 45.92      | 18.686             |          |
| 8,050.0         | 7,868.4                                                                         | 7,354.3  | 7,321.8  | 23.1            | 29.4   | -70.05   | 1,146.3                | 236.8  | 903.7    | 857.8    | 45.90      | 19.690             |          |
| 8,075.0         | 7,879.9                                                                         | 7,352.5  | 7,320.3  | 23.1            | 29.4   | -64.75   | 1,145.1                | 236.9  | 926.4    | 880.5    | 45.90      | 20.181             |          |
| 8,100.0         | 7,890.5                                                                         | 7,350.2  | 7,318.6  | 23.1            | 29.4   | -59.75   | 1,143.7                | 237.0  | 949.1    | 903.1    | 45.93      | 20.663             |          |
| 8,150.0         | 7,908.6                                                                         | 7,340.0  | 7,310.5  | 23.2            | 29.3   | -50.42   | 1,137.5                | 237.3  | 994.0    | 948.1    | 45.91      | 21.649             |          |

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to \*KB=30ft @ 3188.0usft

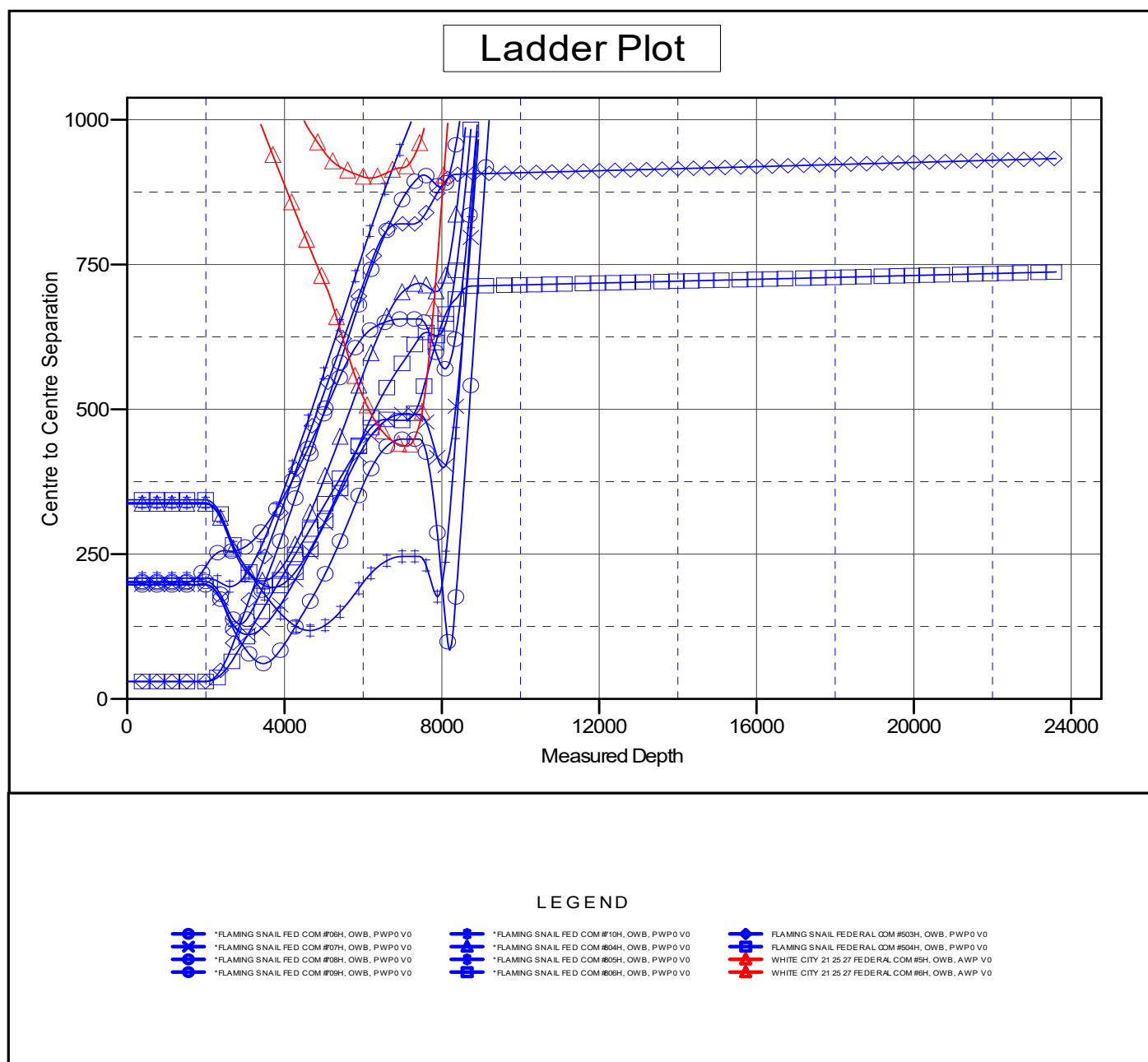
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: FLAMING SNAIL FEDERAL COM #521H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.07°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                                 |                                     |                                      |
|---------------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)           | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Reference Site:</b>    | FLAMING SNAIL FED COM PROJECT   | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site Error:</b>        | 0.0 usft                        | <b>North Reference:</b>             | Grid                                 |
| <b>Reference Well:</b>    | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 3.0 usft                        | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | OWB                             | <b>Database:</b>                    | EDT 15 Central Prod                  |
| <b>Reference Design:</b>  | PWP0                            | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to \*KB=30ft @ 3188.0usft

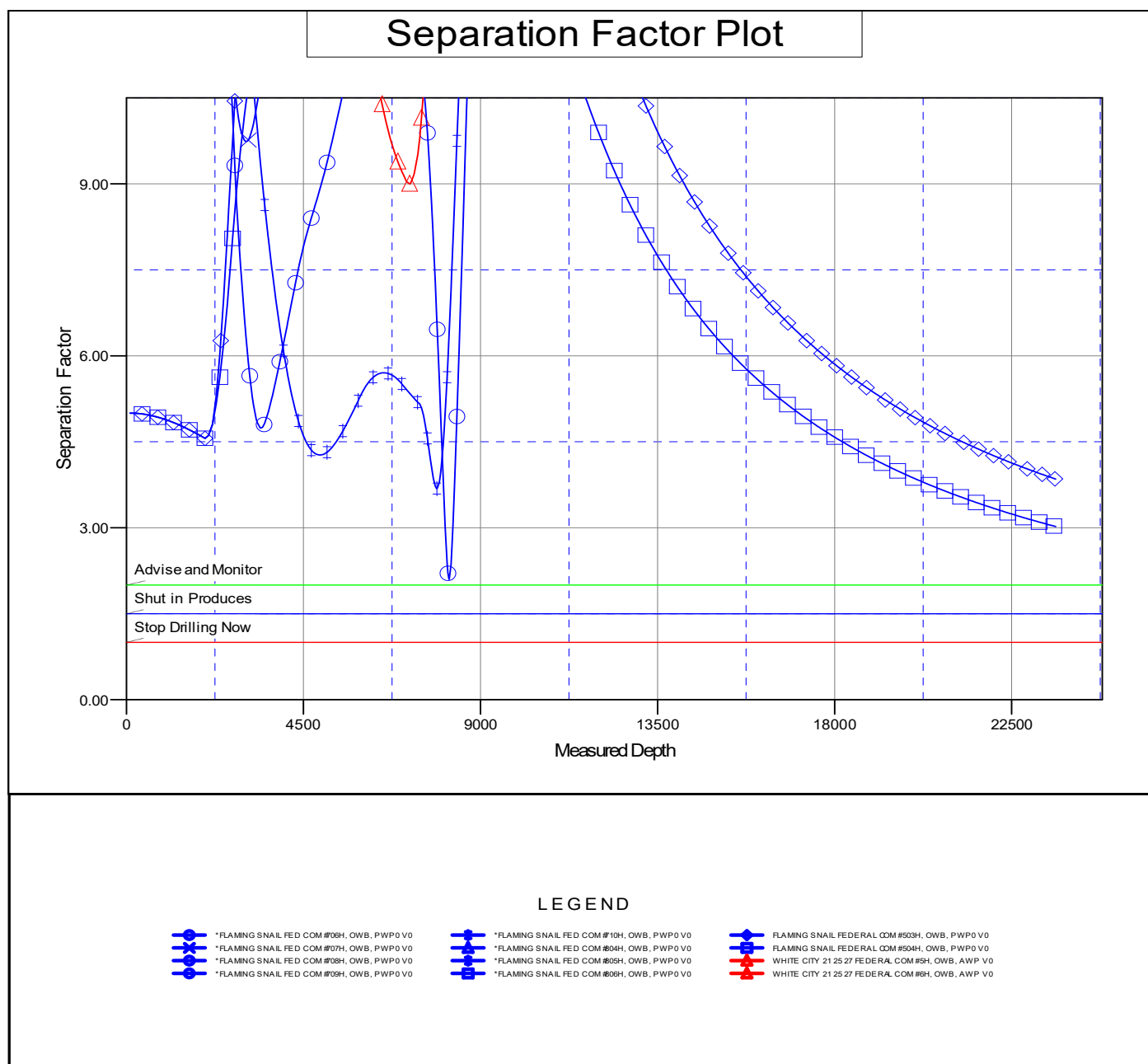
Offset Depths are relative to Offset Datum

Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: FLAMING SNAIL FEDERAL COM #521H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.07°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)**

**FLAMING SNAIL FED COM PROJECT**

**FLAMING SNAIL FEDERAL COM #521H**

**OWB**

**Plan: PWP0**

## **Standard Planning Report**

**01 July, 2022**

## ConocoPhillips

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

|                    |                                      |                      |                |
|--------------------|--------------------------------------|----------------------|----------------|
| <b>Project</b>     | ATLAS PROSPECT (NM-E)                |                      |                |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                |
| <b>Map Zone:</b>   | New Mexico East 3001                 |                      |                |

| Site                  |     | FLAMING SNAIL FED COM PROJECT |                 |            |                   |        |
|-----------------------|-----|-------------------------------|-----------------|------------|-------------------|--------|
| Site Position:        |     | Northing:                     | 403,021.72 usft | Latitude:  | 32° 6' 28.642 N   |        |
| From:                 | Map | Easting:                      | 540,311.87 usft | Longitude: | 104° 12' 11.304 W |        |
| Position Uncertainty: |     | 0.0 usft                      | Slot Radius:    | 13-3/16 "  | Grid Convergence: | 0.07 ° |

| Well                 | FLAMING SNAIL FEDERAL COM #521H |              |                     |                 |               |                   |
|----------------------|---------------------------------|--------------|---------------------|-----------------|---------------|-------------------|
| Well Position        | +N/-S                           | -793.7 usft  | Northing:           | 402,228.00 usft | Latitude:     | 32° 6' 20.765 N   |
|                      | +E/-W                           | 1,726.1 usft | Easting:            | 542,038.00 usft | Longitude:    | 104° 11' 51.247 W |
| Position Uncertainty |                                 | 3.0 usft     | Wellhead Elevation: |                 | Ground Level: | 3,158.0 usft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OWB               |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | BGGM2022          | 1/1/2023           | 6.86                   | 59.70                | 47,405.63478221            |

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <b>Design</b>            | PWP0                           |                     |                     |                      |     |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |     |
| <b>Version:</b>          |                                | <b>Phase:</b>       | PLAN                | <b>Tie On Depth:</b> | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |     |
|                          | 0.0                            | 0.0                 | 0.0                 | 180.97               |     |

|                                 |                        |                          |                                |                |  |
|---------------------------------|------------------------|--------------------------|--------------------------------|----------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 7/1/2022                 |                                |                |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>               | <b>Remarks</b> |  |
| 1                               | 0.0                    | 2,000.0 PWP0 (OWB)       | Standard Keeper 104            |                |  |
|                                 |                        |                          | Standard Wireline Keeper ver 1 |                |  |
| 2                               | 2,000.0                | 7,437.5 PWP0 (OWB)       | MWD+IFR1+MS                    |                |  |
|                                 |                        |                          | OWSG MWD + IFR1 + Multi-St     |                |  |
| 3                               | 7,437.5                | 23,619.6 PWP0 (OWB)      | MWD+IFR1+MS                    |                |  |
|                                 |                        |                          | OWSG MWD + IFR1 + Multi-St     |                |  |

ConocoPhillips  
Planning Report

|           |                                 |                              |                                      |
|-----------|---------------------------------|------------------------------|--------------------------------------|
| Database: | EDT 15 Central Prod             | Local Co-ordinate Reference: | Well FLAMING SNAIL FEDERAL COM #521H |
| Company:  | DELAWARE BASIN WEST             | TVD Reference:               | *KB=30ft @ 3188.0usft                |
| Project:  | ATLAS PROSPECT (NM-E)           | MD Reference:                | *KB=30ft @ 3188.0usft                |
| Site:     | FLAMING SNAIL FED COM PROJECT   | North Reference:             | Grid                                 |
| Well:     | FLAMING SNAIL FEDERAL COM #521H | Survey Calculation Method:   | Minimum Curvature                    |
| Wellbore: | OWB                             |                              |                                      |
| Design:   | PWP0                            |                              |                                      |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |        |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 2,550.1               | 11.00           | 351.52      | 2,546.7               | 52.1         | -7.8         | 2.00                    | 2.00                   | 0.00                  | 351.52  |        |
| 5,889.3               | 11.00           | 351.52      | 5,824.6               | 682.4        | -101.8       | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 6,989.5               | 0.00            | 0.00        | 6,918.0               | 786.5        | -117.3       | 1.00                    | -1.00                  | 0.00                  | 180.00  |        |
| 7,437.5               | 0.00            | 0.00        | 7,366.0               | 786.5        | -117.3       | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 8,336.0               | 89.85           | 180.50      | 7,939.0               | 215.1        | -122.3       | 10.00                   | 10.00                  | -19.98                | 180.50  |        |
| 23,569.6              | 89.85           | 180.50      | 7,979.9               | -15,017.9    | -254.5       | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 23,619.6              | 89.85           | 180.50      | 7,980.0               | -15,067.9    | -254.9       | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |

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## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

| Planned Survey         |                 |             |                       |              |              |                         |                         |                        |                       |
|------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)  | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0                    | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                  | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                  | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                  | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                  | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                  | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                  | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                  | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                  | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                  | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0                | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0                | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0                | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0                | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0                | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0                | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0                | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0                | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0                | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0                | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| START BUILD 2.00       |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,100.0                | 2.00            | 351.52      | 2,100.0               | 1.7          | -0.3         | -1.7                    | 2.00                    | 2.00                   | 0.00                  |
| 2,200.0                | 4.00            | 351.52      | 2,199.8               | 6.9          | -1.0         | -6.9                    | 2.00                    | 2.00                   | 0.00                  |
| 2,300.0                | 6.00            | 351.52      | 2,299.5               | 15.5         | -2.3         | -15.5                   | 2.00                    | 2.00                   | 0.00                  |
| 2,400.0                | 8.00            | 351.52      | 2,398.7               | 27.6         | -4.1         | -27.5                   | 2.00                    | 2.00                   | 0.00                  |
| 2,500.0                | 10.00           | 351.52      | 2,497.5               | 43.0         | -6.4         | -42.9                   | 2.00                    | 2.00                   | 0.00                  |
| 2,550.1                | 11.00           | 351.52      | 2,546.7               | 52.1         | -7.8         | -51.9                   | 2.00                    | 2.00                   | 0.00                  |
| START HOLD @ 2550.1 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,600.0                | 11.00           | 351.52      | 2,595.7               | 61.5         | -9.2         | -61.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                | 11.00           | 351.52      | 2,693.9               | 80.4         | -12.0        | -80.2                   | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                | 11.00           | 351.52      | 2,792.0               | 99.2         | -14.8        | -99.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                | 11.00           | 351.52      | 2,890.2               | 118.1        | -17.6        | -117.8                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                | 11.00           | 351.52      | 2,988.4               | 137.0        | -20.4        | -136.6                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                | 11.00           | 351.52      | 3,086.5               | 155.9        | -23.2        | -155.5                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                | 11.00           | 351.52      | 3,184.7               | 174.7        | -26.1        | -174.3                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0                | 11.00           | 351.52      | 3,282.8               | 193.6        | -28.9        | -193.1                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0                | 11.00           | 351.52      | 3,381.0               | 212.5        | -31.7        | -211.9                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0                | 11.00           | 351.52      | 3,479.2               | 231.4        | -34.5        | -230.8                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0                | 11.00           | 351.52      | 3,577.3               | 250.2        | -37.3        | -249.6                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0                | 11.00           | 351.52      | 3,675.5               | 269.1        | -40.1        | -268.4                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0                | 11.00           | 351.52      | 3,773.7               | 288.0        | -43.0        | -287.2                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0                | 11.00           | 351.52      | 3,871.8               | 306.9        | -45.8        | -306.1                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0                | 11.00           | 351.52      | 3,970.0               | 325.7        | -48.6        | -324.9                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                | 11.00           | 351.52      | 4,068.1               | 344.6        | -51.4        | -343.7                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0                | 11.00           | 351.52      | 4,166.3               | 363.5        | -54.2        | -362.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                | 11.00           | 351.52      | 4,264.5               | 382.4        | -57.0        | -381.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                | 11.00           | 351.52      | 4,362.6               | 401.2        | -59.8        | -400.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                | 11.00           | 351.52      | 4,460.8               | 420.1        | -62.7        | -419.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                | 11.00           | 351.52      | 4,559.0               | 439.0        | -65.5        | -437.8                  | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0                | 11.00           | 351.52      | 4,657.1               | 457.9        | -68.3        | -456.6                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                | 11.00           | 351.52      | 4,755.3               | 476.7        | -71.1        | -475.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                | 11.00           | 351.52      | 4,853.4               | 495.6        | -73.9        | -494.3                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                | 11.00           | 351.52      | 4,951.6               | 514.5        | -76.7        | -513.1                  | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

| Planned Survey                    |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)             | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,100.0                           | 11.00           | 351.52      | 5,049.8               | 533.4        | -79.5        | -531.9                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0                           | 11.00           | 351.52      | 5,147.9               | 552.2        | -82.4        | -550.8                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                           | 11.00           | 351.52      | 5,246.1               | 571.1        | -85.2        | -569.6                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                           | 11.00           | 351.52      | 5,344.2               | 590.0        | -88.0        | -588.4                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0                           | 11.00           | 351.52      | 5,442.4               | 608.9        | -90.8        | -607.2                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0                           | 11.00           | 351.52      | 5,540.6               | 627.7        | -93.6        | -626.1                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0                           | 11.00           | 351.52      | 5,638.7               | 646.6        | -96.4        | -644.9                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0                           | 11.00           | 351.52      | 5,736.9               | 665.5        | -99.3        | -663.7                  | 0.00                    | 0.00                   | 0.00                  |
| 5,889.3                           | 11.00           | 351.52      | 5,824.6               | 682.4        | -101.8       | -680.5                  | 0.00                    | 0.00                   | 0.00                  |
| <b>START DROP -1.00</b>           |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,900.0                           | 10.89           | 351.52      | 5,835.1               | 684.4        | -102.1       | -682.5                  | 1.00                    | -1.00                  | 0.00                  |
| 6,000.0                           | 9.89            | 351.52      | 5,933.4               | 702.2        | -104.7       | -700.3                  | 1.00                    | -1.00                  | 0.00                  |
| 6,100.0                           | 8.89            | 351.52      | 6,032.1               | 718.3        | -107.1       | -716.4                  | 1.00                    | -1.00                  | 0.00                  |
| 6,200.0                           | 7.89            | 351.52      | 6,131.0               | 732.8        | -109.3       | -730.8                  | 1.00                    | -1.00                  | 0.00                  |
| 6,300.0                           | 6.89            | 351.52      | 6,230.2               | 745.5        | -111.2       | -743.5                  | 1.00                    | -1.00                  | 0.00                  |
| 6,400.0                           | 5.89            | 351.52      | 6,329.5               | 756.5        | -112.8       | -754.5                  | 1.00                    | -1.00                  | 0.00                  |
| 6,500.0                           | 4.89            | 351.52      | 6,429.1               | 765.8        | -114.2       | -763.8                  | 1.00                    | -1.00                  | 0.00                  |
| 6,600.0                           | 3.89            | 351.52      | 6,528.8               | 773.4        | -115.3       | -771.3                  | 1.00                    | -1.00                  | 0.00                  |
| 6,700.0                           | 2.89            | 351.52      | 6,628.6               | 779.3        | -116.2       | -777.2                  | 1.00                    | -1.00                  | 0.00                  |
| 6,800.0                           | 1.89            | 351.52      | 6,728.5               | 783.4        | -116.8       | -781.3                  | 1.00                    | -1.00                  | 0.00                  |
| 6,900.0                           | 0.89            | 351.52      | 6,828.5               | 785.8        | -117.2       | -783.7                  | 1.00                    | -1.00                  | 0.00                  |
| 6,989.5                           | 0.00            | 0.00        | 6,918.0               | 786.5        | -117.3       | -784.4                  | 1.00                    | -1.00                  | 0.00                  |
| <b>START HOLD @ 6989.5 MD</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,000.0                           | 0.00            | 0.00        | 6,928.5               | 786.5        | -117.3       | -784.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                           | 0.00            | 0.00        | 7,028.5               | 786.5        | -117.3       | -784.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                           | 0.00            | 0.00        | 7,128.5               | 786.5        | -117.3       | -784.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                           | 0.00            | 0.00        | 7,228.5               | 786.5        | -117.3       | -784.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                           | 0.00            | 0.00        | 7,328.5               | 786.5        | -117.3       | -784.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,437.5                           | 0.00            | 0.00        | 7,366.0               | 786.5        | -117.3       | -784.4                  | 0.00                    | 0.00                   | 0.00                  |
| <b>START DLS 10.00 TFO 180.50</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 7,450.0                           | 1.25            | 180.50      | 7,378.5               | 786.4        | -117.3       | -784.3                  | 10.00                   | 10.00                  | 0.00                  |
| 7,500.0                           | 6.25            | 180.50      | 7,428.4               | 783.1        | -117.3       | -781.0                  | 10.00                   | 10.00                  | 0.00                  |
| 7,550.0                           | 11.25           | 180.50      | 7,477.8               | 775.5        | -117.4       | -773.4                  | 10.00                   | 10.00                  | 0.00                  |
| 7,600.0                           | 16.25           | 180.50      | 7,526.3               | 763.6        | -117.5       | -761.5                  | 10.00                   | 10.00                  | 0.00                  |
| 7,650.0                           | 21.25           | 180.50      | 7,573.7               | 747.6        | -117.6       | -745.5                  | 10.00                   | 10.00                  | 0.00                  |
| 7,700.0                           | 26.25           | 180.50      | 7,619.4               | 727.4        | -117.8       | -725.3                  | 10.00                   | 10.00                  | 0.00                  |
| 7,750.0                           | 31.25           | 180.50      | 7,663.2               | 703.4        | -118.0       | -701.3                  | 10.00                   | 10.00                  | 0.00                  |
| 7,800.0                           | 36.25           | 180.50      | 7,704.8               | 675.6        | -118.3       | -673.5                  | 10.00                   | 10.00                  | 0.00                  |
| 7,850.0                           | 41.25           | 180.50      | 7,743.8               | 644.3        | -118.5       | -642.2                  | 10.00                   | 10.00                  | 0.00                  |
| 7,900.0                           | 46.25           | 180.50      | 7,779.9               | 609.8        | -118.8       | -607.7                  | 10.00                   | 10.00                  | 0.00                  |
| 7,950.0                           | 51.25           | 180.50      | 7,812.9               | 572.2        | -119.2       | -570.1                  | 10.00                   | 10.00                  | 0.00                  |
| 8,000.0                           | 56.25           | 180.50      | 7,842.4               | 531.9        | -119.5       | -529.8                  | 10.00                   | 10.00                  | 0.00                  |
| 8,050.0                           | 61.25           | 180.50      | 7,868.4               | 489.2        | -119.9       | -487.1                  | 10.00                   | 10.00                  | 0.00                  |
| 8,100.0                           | 66.25           | 180.50      | 7,890.5               | 444.3        | -120.3       | -442.2                  | 10.00                   | 10.00                  | 0.00                  |
| 8,150.0                           | 71.25           | 180.50      | 7,908.6               | 397.8        | -120.7       | -395.7                  | 10.00                   | 10.00                  | 0.00                  |
| 8,200.0                           | 76.25           | 180.50      | 7,922.6               | 349.8        | -121.1       | -347.7                  | 10.00                   | 10.00                  | 0.00                  |
| 8,250.0                           | 81.25           | 180.50      | 7,932.3               | 300.8        | -121.5       | -298.7                  | 10.00                   | 10.00                  | 0.00                  |
| 8,300.0                           | 86.25           | 180.50      | 7,937.8               | 251.1        | -121.9       | -249.0                  | 10.00                   | 10.00                  | 0.00                  |
| 8,336.0                           | 89.85           | 180.50      | 7,939.0               | 215.1        | -122.3       | -213.0                  | 10.00                   | 10.00                  | 0.00                  |
| <b>START HOLD @ 8336.0 MD</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,400.0                           | 89.85           | 180.50      | 7,939.2               | 151.1        | -122.8       | -149.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0                           | 89.85           | 180.50      | 7,939.4               | 51.1         | -123.7       | -49.0                   | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0                           | 89.85           | 180.50      | 7,939.7               | -48.9        | -124.6       | 51.0                    | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,700.0               | 89.85           | 180.50      | 7,940.0               | -148.9       | -125.4       | 151.0                   | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 89.85           | 180.50      | 7,940.2               | -248.9       | -126.3       | 251.0                   | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 89.85           | 180.50      | 7,940.5               | -348.9       | -127.2       | 351.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0               | 89.85           | 180.50      | 7,940.8               | -448.9       | -128.0       | 451.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0               | 89.85           | 180.50      | 7,941.0               | -548.9       | -128.9       | 551.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0               | 89.85           | 180.50      | 7,941.3               | -648.9       | -129.8       | 651.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0               | 89.85           | 180.50      | 7,941.6               | -748.9       | -130.6       | 751.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 89.85           | 180.50      | 7,941.9               | -848.9       | -131.5       | 851.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 89.85           | 180.50      | 7,942.1               | -948.9       | -132.4       | 951.0                   | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 89.85           | 180.50      | 7,942.4               | -1,048.8     | -133.2       | 1,051.0                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 89.85           | 180.50      | 7,942.7               | -1,148.8     | -134.1       | 1,150.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 89.85           | 180.50      | 7,942.9               | -1,248.8     | -135.0       | 1,250.9                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 89.85           | 180.50      | 7,943.2               | -1,348.8     | -135.8       | 1,350.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 89.85           | 180.50      | 7,943.5               | -1,448.8     | -136.7       | 1,450.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 89.85           | 180.50      | 7,943.7               | -1,548.8     | -137.6       | 1,550.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 89.85           | 180.50      | 7,944.0               | -1,648.8     | -138.4       | 1,650.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 89.85           | 180.50      | 7,944.3               | -1,748.8     | -139.3       | 1,750.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 89.85           | 180.50      | 7,944.5               | -1,848.8     | -140.2       | 1,850.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 89.85           | 180.50      | 7,944.8               | -1,948.8     | -141.0       | 1,950.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 89.85           | 180.50      | 7,945.1               | -2,048.8     | -141.9       | 2,050.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 89.85           | 180.50      | 7,945.3               | -2,148.8     | -142.8       | 2,150.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 89.85           | 180.50      | 7,945.6               | -2,248.8     | -143.6       | 2,250.9                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 89.85           | 180.50      | 7,945.9               | -2,348.8     | -144.5       | 2,350.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 89.85           | 180.50      | 7,946.1               | -2,448.8     | -145.4       | 2,450.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 89.85           | 180.50      | 7,946.4               | -2,548.8     | -146.3       | 2,550.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 89.85           | 180.50      | 7,946.7               | -2,648.8     | -147.1       | 2,650.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 89.85           | 180.50      | 7,947.0               | -2,748.8     | -148.0       | 2,750.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 89.85           | 180.50      | 7,947.2               | -2,848.8     | -148.9       | 2,850.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 89.85           | 180.50      | 7,947.5               | -2,948.8     | -149.7       | 2,950.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 89.85           | 180.50      | 7,947.8               | -3,048.8     | -150.6       | 3,050.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 89.85           | 180.50      | 7,948.0               | -3,148.8     | -151.5       | 3,150.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 89.85           | 180.50      | 7,948.3               | -3,248.8     | -152.3       | 3,250.9                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 89.85           | 180.50      | 7,948.6               | -3,348.8     | -153.2       | 3,350.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 89.85           | 180.50      | 7,948.8               | -3,448.7     | -154.1       | 3,450.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0              | 89.85           | 180.50      | 7,949.1               | -3,548.7     | -154.9       | 3,550.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0              | 89.85           | 180.50      | 7,949.4               | -3,648.7     | -155.8       | 3,650.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0              | 89.85           | 180.50      | 7,949.6               | -3,748.7     | -156.7       | 3,750.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0              | 89.85           | 180.50      | 7,949.9               | -3,848.7     | -157.5       | 3,850.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0              | 89.85           | 180.50      | 7,950.2               | -3,948.7     | -158.4       | 3,950.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0              | 89.85           | 180.50      | 7,950.4               | -4,048.7     | -159.3       | 4,050.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0              | 89.85           | 180.50      | 7,950.7               | -4,148.7     | -160.1       | 4,150.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0              | 89.85           | 180.50      | 7,951.0               | -4,248.7     | -161.0       | 4,250.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 89.85           | 180.50      | 7,951.2               | -4,348.7     | -161.9       | 4,350.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 89.85           | 180.50      | 7,951.5               | -4,448.7     | -162.7       | 4,450.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 89.85           | 180.50      | 7,951.8               | -4,548.7     | -163.6       | 4,550.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 89.85           | 180.50      | 7,952.0               | -4,648.7     | -164.5       | 4,650.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 89.85           | 180.50      | 7,952.3               | -4,748.7     | -165.4       | 4,750.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 89.85           | 180.50      | 7,952.6               | -4,848.7     | -166.2       | 4,850.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 89.85           | 180.50      | 7,952.9               | -4,948.7     | -167.1       | 4,950.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 89.85           | 180.50      | 7,953.1               | -5,048.7     | -168.0       | 5,050.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 89.85           | 180.50      | 7,953.4               | -5,148.7     | -168.8       | 5,150.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 89.85           | 180.50      | 7,953.7               | -5,248.7     | -169.7       | 5,250.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 89.85           | 180.50      | 7,953.9               | -5,348.7     | -170.6       | 5,350.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 89.85           | 180.50      | 7,954.2               | -5,448.7     | -171.4       | 5,450.8                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 14,100.0              | 89.85           | 180.50      | 7,954.5               | -5,548.7     | -172.3       | 5,550.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 89.85           | 180.50      | 7,954.7               | -5,648.7     | -173.2       | 5,650.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 89.85           | 180.50      | 7,955.0               | -5,748.7     | -174.0       | 5,750.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 89.85           | 180.50      | 7,955.3               | -5,848.7     | -174.9       | 5,850.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 89.85           | 180.50      | 7,955.5               | -5,948.6     | -175.8       | 5,950.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 89.85           | 180.50      | 7,955.8               | -6,048.6     | -176.6       | 6,050.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 89.85           | 180.50      | 7,956.1               | -6,148.6     | -177.5       | 6,150.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 89.85           | 180.50      | 7,956.3               | -6,248.6     | -178.4       | 6,250.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 89.85           | 180.50      | 7,956.6               | -6,348.6     | -179.2       | 6,350.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 89.85           | 180.50      | 7,956.9               | -6,448.6     | -180.1       | 6,450.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 89.85           | 180.50      | 7,957.1               | -6,548.6     | -181.0       | 6,550.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 89.85           | 180.50      | 7,957.4               | -6,648.6     | -181.8       | 6,650.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 89.85           | 180.50      | 7,957.7               | -6,748.6     | -182.7       | 6,750.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 89.85           | 180.50      | 7,957.9               | -6,848.6     | -183.6       | 6,850.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 89.85           | 180.50      | 7,958.2               | -6,948.6     | -184.4       | 6,950.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 89.85           | 180.50      | 7,958.5               | -7,048.6     | -185.3       | 7,050.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 89.85           | 180.50      | 7,958.8               | -7,148.6     | -186.2       | 7,150.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 89.85           | 180.50      | 7,959.0               | -7,248.6     | -187.1       | 7,250.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 89.85           | 180.50      | 7,959.3               | -7,348.6     | -187.9       | 7,350.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 89.85           | 180.50      | 7,959.6               | -7,448.6     | -188.8       | 7,450.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 89.85           | 180.50      | 7,959.8               | -7,548.6     | -189.7       | 7,550.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 89.85           | 180.50      | 7,960.1               | -7,648.6     | -190.5       | 7,650.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 89.85           | 180.50      | 7,960.4               | -7,748.6     | -191.4       | 7,750.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 89.85           | 180.50      | 7,960.6               | -7,848.6     | -192.3       | 7,850.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 89.85           | 180.50      | 7,960.9               | -7,948.6     | -193.1       | 7,950.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 89.85           | 180.50      | 7,961.2               | -8,048.6     | -194.0       | 8,050.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 89.85           | 180.50      | 7,961.4               | -8,148.6     | -194.9       | 8,150.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 89.85           | 180.50      | 7,961.7               | -8,248.6     | -195.7       | 8,250.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 89.85           | 180.50      | 7,962.0               | -8,348.5     | -196.6       | 8,350.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 89.85           | 180.50      | 7,962.2               | -8,448.5     | -197.5       | 8,450.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 89.85           | 180.50      | 7,962.5               | -8,548.5     | -198.3       | 8,550.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 89.85           | 180.50      | 7,962.8               | -8,648.5     | -199.2       | 8,650.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 89.85           | 180.50      | 7,963.0               | -8,748.5     | -200.1       | 8,750.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 89.85           | 180.50      | 7,963.3               | -8,848.5     | -200.9       | 8,850.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 89.85           | 180.50      | 7,963.6               | -8,948.5     | -201.8       | 8,950.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 89.85           | 180.50      | 7,963.9               | -9,048.5     | -202.7       | 9,050.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 89.85           | 180.50      | 7,964.1               | -9,148.5     | -203.5       | 9,150.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 89.85           | 180.50      | 7,964.4               | -9,248.5     | -204.4       | 9,250.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 89.85           | 180.50      | 7,964.7               | -9,348.5     | -205.3       | 9,350.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 89.85           | 180.50      | 7,964.9               | -9,448.5     | -206.2       | 9,450.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 89.85           | 180.50      | 7,965.2               | -9,548.5     | -207.0       | 9,550.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 89.85           | 180.50      | 7,965.5               | -9,648.5     | -207.9       | 9,650.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 89.85           | 180.50      | 7,965.7               | -9,748.5     | -208.8       | 9,750.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 89.85           | 180.50      | 7,966.0               | -9,848.5     | -209.6       | 9,850.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 89.85           | 180.50      | 7,966.3               | -9,948.5     | -210.5       | 9,950.6                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 89.85           | 180.50      | 7,966.5               | -10,048.5    | -211.4       | 10,050.6                | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 89.85           | 180.50      | 7,966.8               | -10,148.5    | -212.2       | 10,150.6                | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 89.85           | 180.50      | 7,967.1               | -10,248.5    | -213.1       | 10,250.6                | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 89.85           | 180.50      | 7,967.3               | -10,348.5    | -214.0       | 10,350.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 89.85           | 180.50      | 7,967.6               | -10,448.5    | -214.8       | 10,450.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 89.85           | 180.50      | 7,967.9               | -10,548.5    | -215.7       | 10,550.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 89.85           | 180.50      | 7,968.1               | -10,648.5    | -216.6       | 10,650.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 89.85           | 180.50      | 7,968.4               | -10,748.4    | -217.4       | 10,750.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 89.85           | 180.50      | 7,968.7               | -10,848.4    | -218.3       | 10,850.6                | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

| Planned Survey          |                 |             |                       |              |              |                         |                         |                        |                       |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)   | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 19,500.0                | 89.85           | 180.50      | 7,968.9               | -10,948.4    | -219.2       | 10,950.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0                | 89.85           | 180.50      | 7,969.2               | -11,048.4    | -220.0       | 11,050.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0                | 89.85           | 180.50      | 7,969.5               | -11,148.4    | -220.9       | 11,150.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0                | 89.85           | 180.50      | 7,969.8               | -11,248.4    | -221.8       | 11,250.6                | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0                | 89.85           | 180.50      | 7,970.0               | -11,348.4    | -222.6       | 11,350.6                | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0                | 89.85           | 180.50      | 7,970.3               | -11,448.4    | -223.5       | 11,450.6                | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0                | 89.85           | 180.50      | 7,970.6               | -11,548.4    | -224.4       | 11,550.6                | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0                | 89.85           | 180.50      | 7,970.8               | -11,648.4    | -225.2       | 11,650.6                | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0                | 89.85           | 180.50      | 7,971.1               | -11,748.4    | -226.1       | 11,750.6                | 0.00                    | 0.00                   | 0.00                  |
| 20,400.0                | 89.85           | 180.50      | 7,971.4               | -11,848.4    | -227.0       | 11,850.5                | 0.00                    | 0.00                   | 0.00                  |
| 20,500.0                | 89.85           | 180.50      | 7,971.6               | -11,948.4    | -227.9       | 11,950.5                | 0.00                    | 0.00                   | 0.00                  |
| 20,600.0                | 89.85           | 180.50      | 7,971.9               | -12,048.4    | -228.7       | 12,050.5                | 0.00                    | 0.00                   | 0.00                  |
| 20,700.0                | 89.85           | 180.50      | 7,972.2               | -12,148.4    | -229.6       | 12,150.5                | 0.00                    | 0.00                   | 0.00                  |
| 20,800.0                | 89.85           | 180.50      | 7,972.4               | -12,248.4    | -230.5       | 12,250.5                | 0.00                    | 0.00                   | 0.00                  |
| 20,900.0                | 89.85           | 180.50      | 7,972.7               | -12,348.4    | -231.3       | 12,350.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,000.0                | 89.85           | 180.50      | 7,973.0               | -12,448.4    | -232.2       | 12,450.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,100.0                | 89.85           | 180.50      | 7,973.2               | -12,548.4    | -233.1       | 12,550.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,200.0                | 89.85           | 180.50      | 7,973.5               | -12,648.4    | -233.9       | 12,650.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,300.0                | 89.85           | 180.50      | 7,973.8               | -12,748.4    | -234.8       | 12,750.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,400.0                | 89.85           | 180.50      | 7,974.0               | -12,848.4    | -235.7       | 12,850.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,500.0                | 89.85           | 180.50      | 7,974.3               | -12,948.4    | -236.5       | 12,950.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,600.0                | 89.85           | 180.50      | 7,974.6               | -13,048.4    | -237.4       | 13,050.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,700.0                | 89.85           | 180.50      | 7,974.9               | -13,148.3    | -238.3       | 13,150.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,800.0                | 89.85           | 180.50      | 7,975.1               | -13,248.3    | -239.1       | 13,250.5                | 0.00                    | 0.00                   | 0.00                  |
| 21,900.0                | 89.85           | 180.50      | 7,975.4               | -13,348.3    | -240.0       | 13,350.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,000.0                | 89.85           | 180.50      | 7,975.7               | -13,448.3    | -240.9       | 13,450.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,100.0                | 89.85           | 180.50      | 7,975.9               | -13,548.3    | -241.7       | 13,550.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,200.0                | 89.85           | 180.50      | 7,976.2               | -13,648.3    | -242.6       | 13,650.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,300.0                | 89.85           | 180.50      | 7,976.5               | -13,748.3    | -243.5       | 13,750.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,400.0                | 89.85           | 180.50      | 7,976.7               | -13,848.3    | -244.3       | 13,850.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,500.0                | 89.85           | 180.50      | 7,977.0               | -13,948.3    | -245.2       | 13,950.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,600.0                | 89.85           | 180.50      | 7,977.3               | -14,048.3    | -246.1       | 14,050.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,700.0                | 89.85           | 180.50      | 7,977.5               | -14,148.3    | -247.0       | 14,150.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,800.0                | 89.85           | 180.50      | 7,977.8               | -14,248.3    | -247.8       | 14,250.5                | 0.00                    | 0.00                   | 0.00                  |
| 22,900.0                | 89.85           | 180.50      | 7,978.1               | -14,348.3    | -248.7       | 14,350.5                | 0.00                    | 0.00                   | 0.00                  |
| 23,000.0                | 89.85           | 180.50      | 7,978.3               | -14,448.3    | -249.6       | 14,450.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,100.0                | 89.85           | 180.50      | 7,978.6               | -14,548.3    | -250.4       | 14,550.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,200.0                | 89.85           | 180.50      | 7,978.9               | -14,648.3    | -251.3       | 14,650.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,300.0                | 89.85           | 180.50      | 7,979.1               | -14,748.3    | -252.2       | 14,750.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,400.0                | 89.85           | 180.50      | 7,979.4               | -14,848.3    | -253.0       | 14,850.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,500.0                | 89.85           | 180.50      | 7,979.7               | -14,948.3    | -253.9       | 14,950.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,569.6                | 89.85           | 180.50      | 7,979.9               | -15,017.9    | -254.5       | 15,020.1                | 0.00                    | 0.00                   | 0.00                  |
| START HOLD @ 23569.6 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 23,600.0                | 89.85           | 180.50      | 7,979.9               | -15,048.3    | -254.8       | 15,050.4                | 0.00                    | 0.00                   | 0.00                  |
| 23,619.6                | 89.85           | 180.50      | 7,980.0               | -15,067.9    | -254.9       | 15,070.1                | 0.00                    | 0.00                   | 0.00                  |
| TD @ 23619.6 MD         |                 |             |                       |              |              |                         |                         |                        |                       |

## ConocoPhillips

## Planning Report

|                  |                                 |                                     |                                      |
|------------------|---------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDT 15 Central Prod             | <b>Local Co-ordinate Reference:</b> | Well FLAMING SNAIL FEDERAL COM #521H |
| <b>Company:</b>  | DELAWARE BASIN WEST             | <b>TVD Reference:</b>               | *KB=30ft @ 3188.0usft                |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)           | <b>MD Reference:</b>                | *KB=30ft @ 3188.0usft                |
| <b>Site:</b>     | FLAMING SNAIL FED COM PROJECT   | <b>North Reference:</b>             | Grid                                 |
| <b>Well:</b>     | FLAMING SNAIL FEDERAL COM #521H | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OWB                             |                                     |                                      |
| <b>Design:</b>   | PWP0                            |                                     |                                      |

| Design Targets                                                                                                                              |           |          |         |           |        |            |            |                 |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------|-----------|--------|------------|------------|-----------------|-------------------|
| Target Name                                                                                                                                 |           |          |         |           |        |            |            |                 |                   |
| - hit/miss target                                                                                                                           | Dip Angle | Dip Dir. | TVD     | +N/-S     | +E/-W  | Northing   | Easting    | Latitude        | Longitude         |
| - Shape                                                                                                                                     | (°)       | (°)      | (usft)  | (usft)    | (usft) | (usft)     | (usft)     |                 |                   |
| VT (FLAMING SNAIL FE<br>- plan hits target center<br>- Point                                                                                | 0.00      | 0.00     | 7,366.0 | 786.5     | -117.3 | 403,014.50 | 541,920.70 | 32° 6' 28.551 N | 104° 11' 52.599 W |
| FTP (FLAMING SNAIL F<br>- plan misses target center by 212.9usft at 7900.0usft MD (7779.9 TVD, 609.8 N, -118.8 E)<br>- Circle (radius 50.0) | 0.00      | 0.00     | 7,937.5 | 753.0     | -117.3 | 402,981.00 | 541,920.70 | 32° 6' 28.219 N | 104° 11' 52.600 W |
| LTP (FLAMING SNAIL F<br>- plan hits target center<br>- Point                                                                                | 0.00      | 0.00     | 7,979.9 | -15,017.9 | -254.5 | 387,210.10 | 541,783.50 | 32° 3' 52.143 N | 104° 11' 54.424 W |
| PBHL (FLAMING SNAIL<br>- plan hits target center<br>- Rectangle (sides W100.0 H15,821.5 D20.0)                                              | 0.15      | 180.50   | 7,980.0 | -15,067.9 | -254.9 | 387,160.10 | 541,783.10 | 32° 3' 51.648 N | 104° 11' 54.429 W |

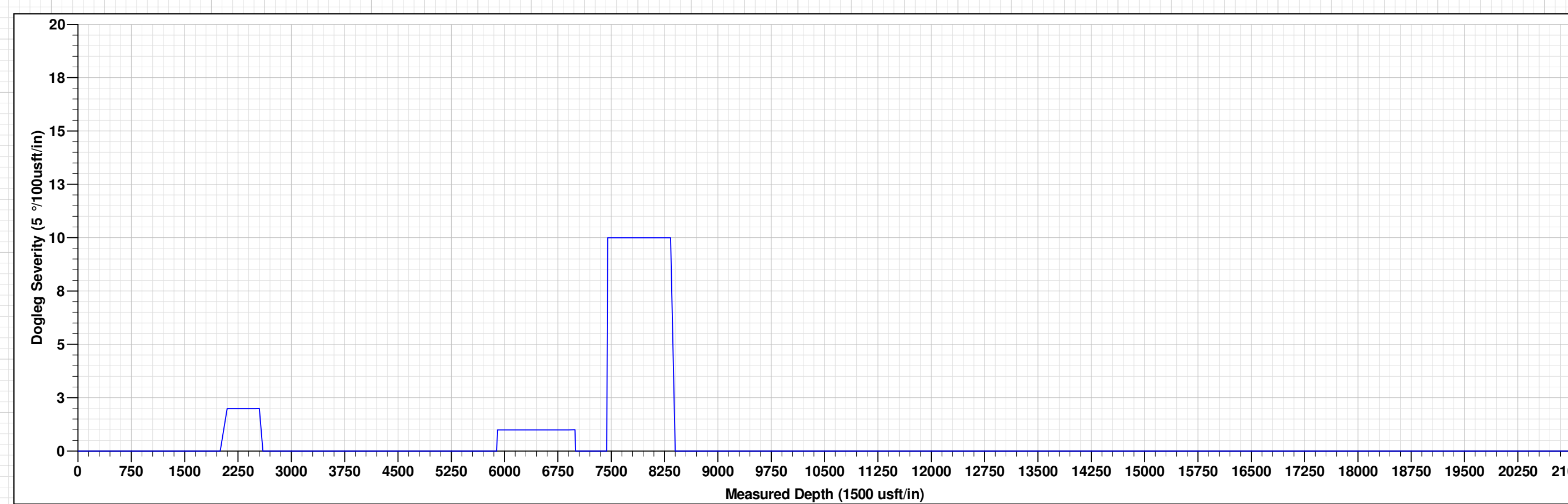
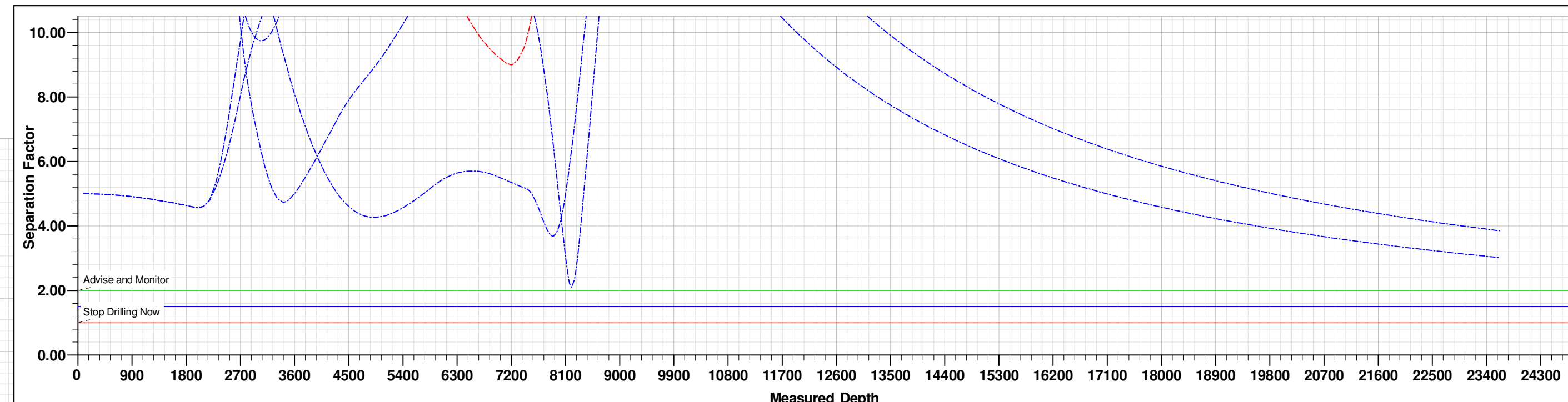
| Plan Annotations      |                       |                   |              |                            |  |
|-----------------------|-----------------------|-------------------|--------------|----------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                            |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                    |  |
| 2,000.0               | 2,000.0               | 0.0               | 0.0          | START BUILD 2.00           |  |
| 2,550.1               | 2,546.7               | 52.1              | -7.8         | START HOLD @ 2550.1 MD     |  |
| 5,889.3               | 5,824.6               | 682.4             | -101.8       | START DROP -1.00           |  |
| 6,989.5               | 6,918.0               | 786.5             | -117.3       | START HOLD @ 6989.5 MD     |  |
| 7,437.5               | 7,366.0               | 786.5             | -117.3       | START DLS 10.00 TFO 180.50 |  |
| 8,336.0               | 7,939.0               | 215.1             | -122.3       | START HOLD @ 8336.0 MD     |  |
| 23,569.6              | 7,979.9               | -15,017.9         | -254.5       | START HOLD @ 23569.6 MD    |  |
| 23,619.6              | 7,980.0               | -15,067.9         | -254.9       | TD @ 23619.6 MD            |  |



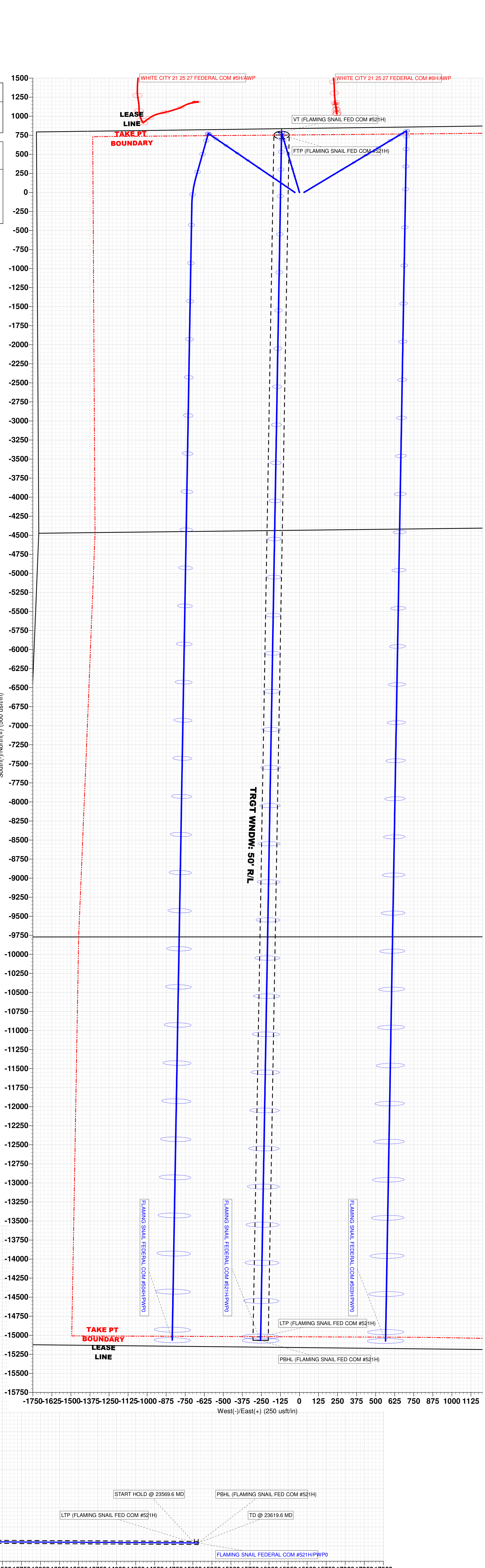
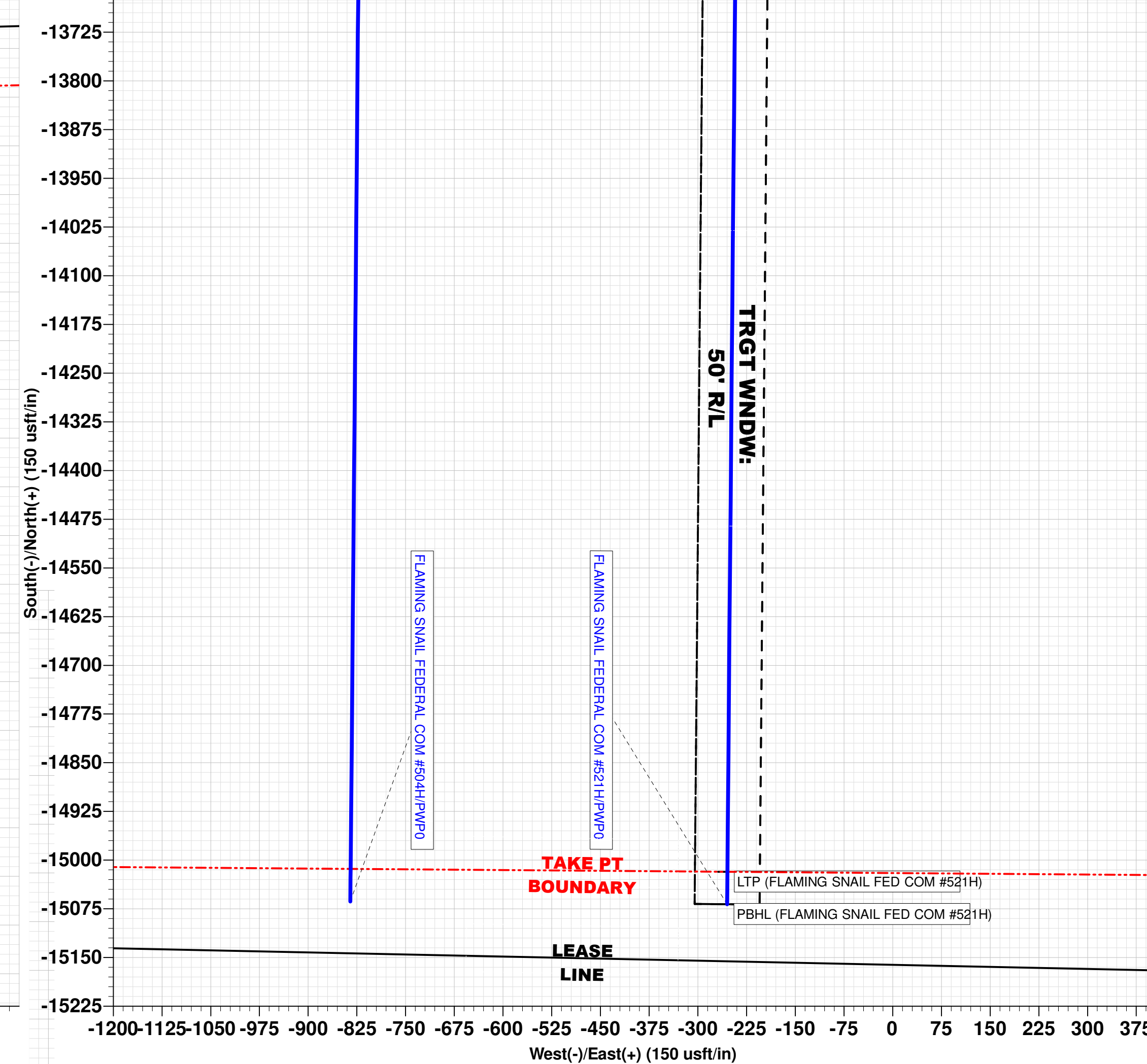
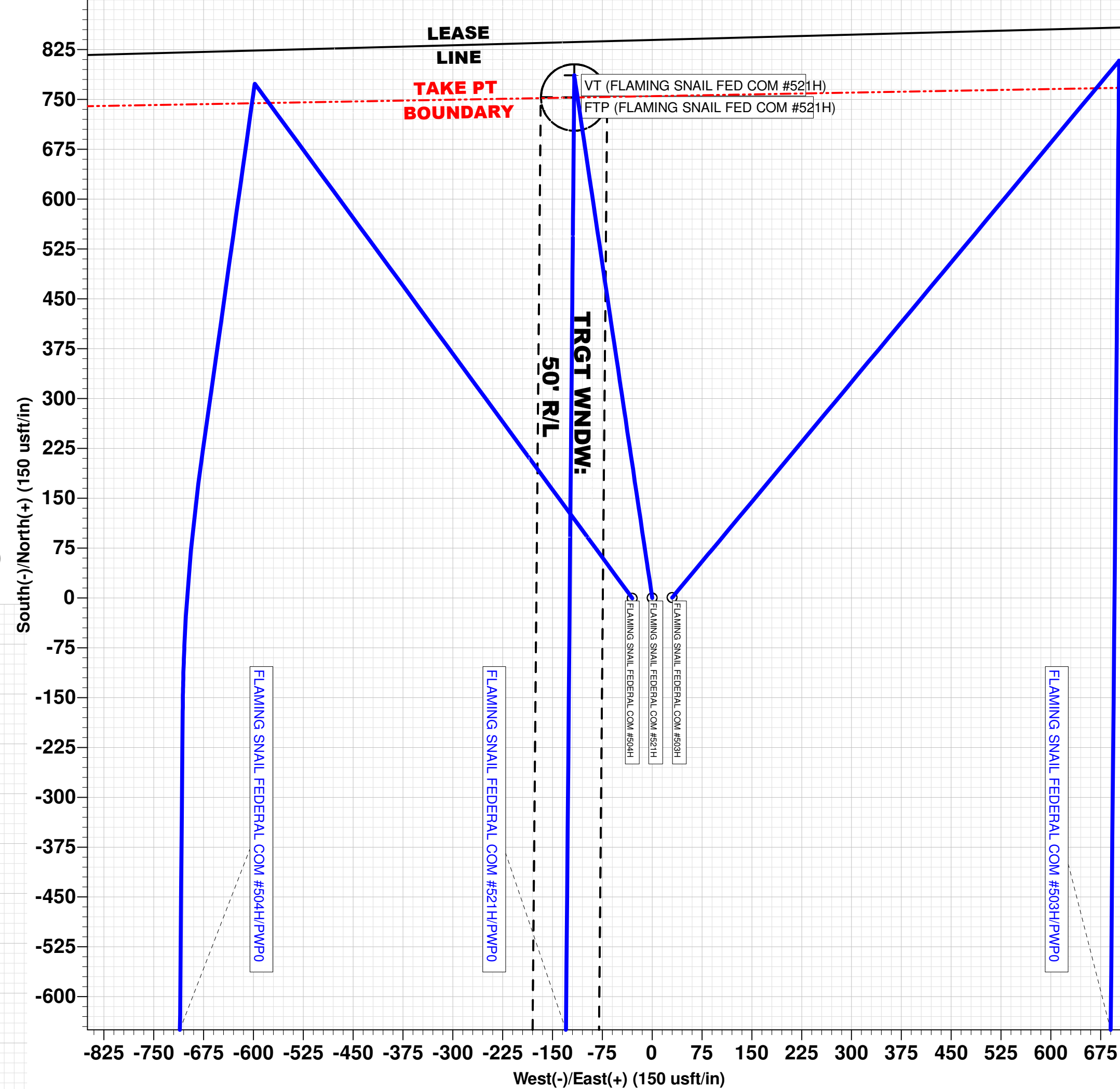
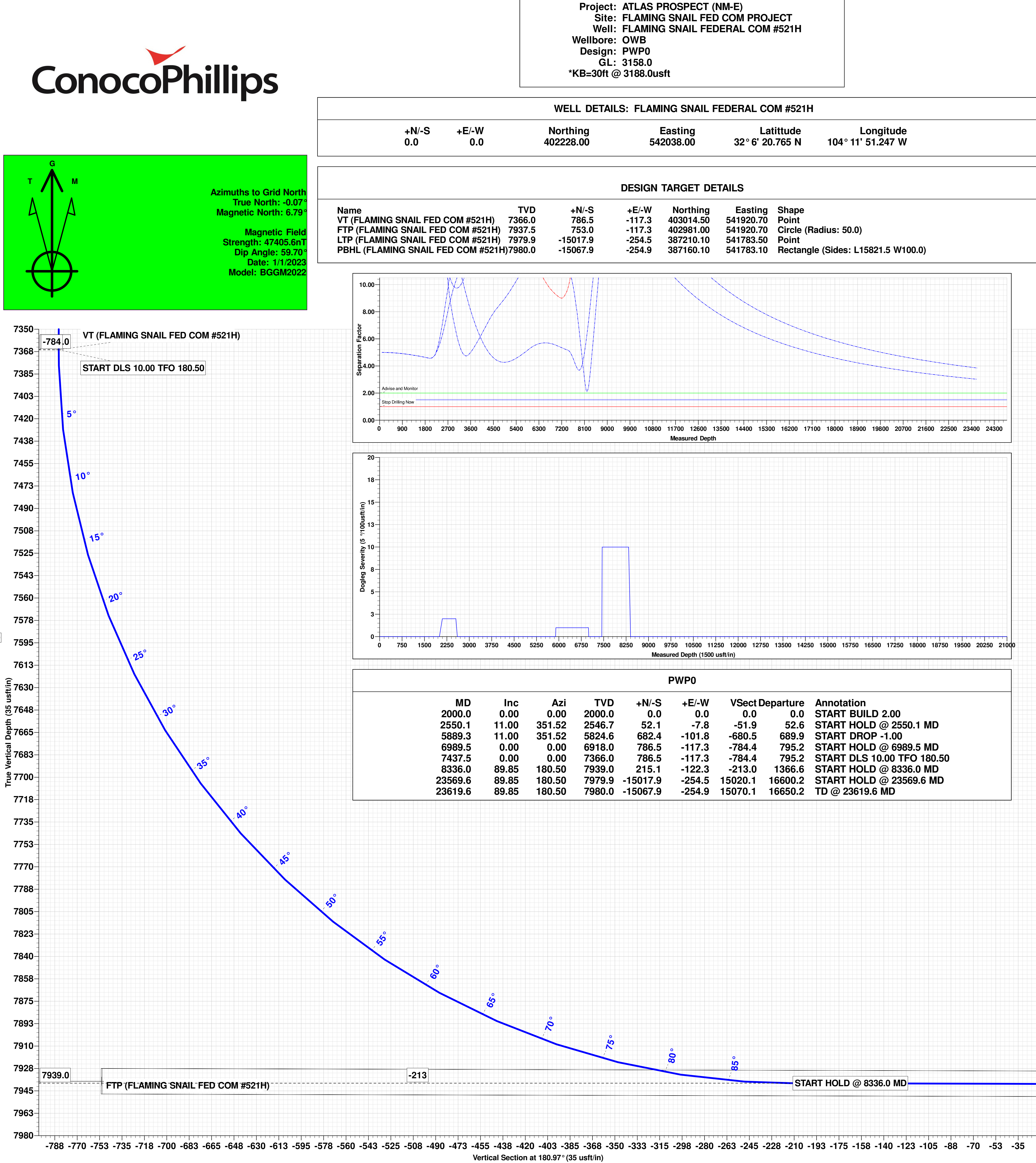
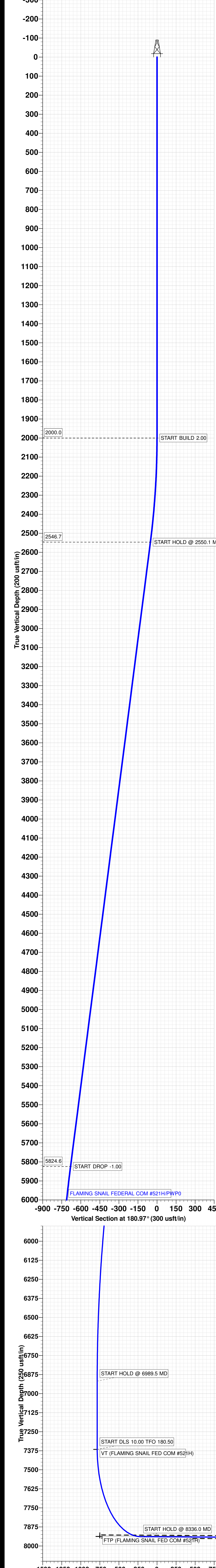
Project: ATLAS PROSPECT (NM-E)  
Site: FLAMING SNAIL FED COM PROJECT  
Well: FLAMING SNAIL FEDERAL COM #521H  
Wellbore: OWB  
Design: PWP0  
GL: 3158.0  
\*KB=30ft @ 3188.0usft

| WELL DETAILS: FLAMING SNAIL FEDERAL COM #521H |       |           |           |                 |                   |
|-----------------------------------------------|-------|-----------|-----------|-----------------|-------------------|
| +N/-S                                         | +E/-W | Northing  | Easting   | Latitude        | Longitude         |
| 0.0                                           | 0.0   | 402228.00 | 542038.00 | 32° 6' 20.765 N | 104° 11' 51.247 W |

| DESIGN TARGET DETAILS              |        |          |        |           |           |
|------------------------------------|--------|----------|--------|-----------|-----------|
| Name                               | TVD    | +N/-S    | +E/-W  | Northing  | Easting   |
| VT (FLAMING SNAIL FED COM #521H)   | 7366.0 | 786.5    | -117.3 | 403014.50 | 541920.70 |
| FTP (FLAMING SNAIL FED COM #521H)  | 7937.5 | 753.0    | -117.3 | 402981.00 | 541920.70 |
| LTP (FLAMING SNAIL FED COM #521H)  | 7979.9 | -15017.9 | -254.5 | 387210.10 | 541783.50 |
| PBHL (FLAMING SNAIL FED COM #521H) | 7980.0 | -15067.9 | -254.9 | 387160.10 | 541783.10 |
| Shape                              |        |          |        |           |           |
| Point                              |        |          |        |           |           |
| Circle (Radius: 50.0)              |        |          |        |           |           |
| Point                              |        |          |        |           |           |
| Rectangle (Sides: L15821.5 W100.0) |        |          |        |           |           |



| PWP0    |       |        |        |          |        |         |           |                            |  |
|---------|-------|--------|--------|----------|--------|---------|-----------|----------------------------|--|
| MD      | Inc   | Azi    | TVD    | +N/-S    | +E/-W  | Vsect   | Departure | Annotation                 |  |
| 2000.0  | 0.00  | 0.00   | 2000.0 | 0.0      | 0.0    | 0.0     | 0.0       | START BUILD 2.00           |  |
| 2550.1  | 11.00 | 351.52 | 2546.7 | 52.1     | -7.8   | -51.9   | 52.6      | START HOLD @ 2550.1 MD     |  |
| 5889.3  | 11.00 | 351.52 | 5824.6 | 682.4    | -101.8 | -680.5  | 689.9     | START DROP -1.00           |  |
| 6989.5  | 0.00  | 0.00   | 6918.0 | 786.5    | -117.3 | -784.4  | 795.2     | START HOLD @ 6989.5 MD     |  |
| 7437.5  | 0.00  | 0.00   | 7366.0 | 786.5    | -117.3 | -784.4  | 795.2     | START DLS 10.00 TFO 180.50 |  |
| 8336.0  | 89.85 | 180.50 | 7939.0 | 215.1    | -122.3 | -213.0  | 1366.6    | START HOLD @ 8336.0 MD     |  |
| 23569.6 | 89.85 | 180.50 | 7979.9 | -15017.9 | -254.5 | 15020.1 | 16600.2   | START HOLD @ 23569.6 MD    |  |
| 23619.6 | 89.85 | 180.50 | 7980.0 | -15067.9 | -254.9 | 15070.1 | 16650.2   | TD @ 23619.6 MD            |  |



## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                         |                                     |
|-------------------------|-------------------------------------|
| <b>OPERATOR'S NAME:</b> | <b>COG</b>                          |
| <b>LEASE NO.:</b>       | <b>NMNM092167</b>                   |
| <b>LOCATION:</b>        | Section 28, T.25 S., R.27 E., NMPPM |
| <b>COUNTY:</b>          | Eddy County, New Mexico             |

|                              |                            |
|------------------------------|----------------------------|
| <b>WELL NAME &amp; NO.:</b>  | Flaming Snail Fed Com 521H |
| <b>SURFACE HOLE FOOTAGE:</b> | 957'/N & 1559'/W           |
| <b>BOTTOM HOLE FOOTAGE:</b>  | 50'/S & 1570'/W            |

COA

|                      |                                               |                                            |                                       |
|----------------------|-----------------------------------------------|--------------------------------------------|---------------------------------------|
| H2S                  | <input type="radio"/> Yes                     | <input checked="" type="radio"/> No        |                                       |
| Potash               | <input checked="" type="radio"/> None         | <input type="radio"/> Secretary            | <input type="radio"/> R-111-P         |
| Cave/Karst Potential | <input type="radio"/> Low                     | <input type="radio"/> Medium               | <input checked="" type="radio"/> High |
| Cave/Karst Potential | <input type="radio"/> Critical                |                                            |                                       |
| Variance             | <input type="radio"/> None                    | <input checked="" type="radio"/> Flex Hose | <input type="radio"/> Other           |
| Wellhead             | <input checked="" type="radio"/> Conventional | <input type="radio"/> Multibowl            | <input type="radio"/> Both            |
| Other                | <input type="checkbox"/> 4 String Area        | <input type="checkbox"/> Capitan Reef      | <input type="checkbox"/> WIPP         |
| Other                | <input type="checkbox"/> Fluid Filled         | <input type="checkbox"/> Cement Squeeze    | <input type="checkbox"/> Pilot Hole   |
| Special Requirements | <input type="checkbox"/> Water Disposal       | <input checked="" type="checkbox"/> COM    | <input type="checkbox"/> Unit         |

### A. HYDROGEN SULFIDE

Hydrogen Sulfide (H2S) monitors shall be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.

### B. CASING

1. The 13-3/8 inch surface casing shall be set at approximately **350** feet (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8**

**hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)

- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:
- Cement to surface. If cement does not circulate see B.1.a, c-d above.
- Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst.**
- ❖ In High Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
3. The minimum required fill of cement behind the **5-1/2** inch production casing is:
- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

#### C. PRESSURE CONTROL

1. **Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'**
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **2000 (2M)** psi.
3. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **3000 (3M)** psi.

#### D. SPECIAL REQUIREMENT (S)

##### Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.

- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

## GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

☒ Eddy County

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,  
(575) 361-2822

☒ Lea County

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575)  
689-5981

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
  - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
  - b. When the operator proposes to set surface casing with Spudder Rig
    - Notify the BLM when moving in and removing the Spudder Rig.
    - Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
    - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on

which the draw works are located, this does not include the dog house or stairway area.

3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

**B. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
  - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
  - b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except the casing pressure test can be initiated immediately after bumping the plug (only applies to single stage cement jobs).
  - c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
  - d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
  - e. The results of the test shall be reported to the appropriate BLM office.
  - f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
  - g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to

the test at full stack pressure.

- h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

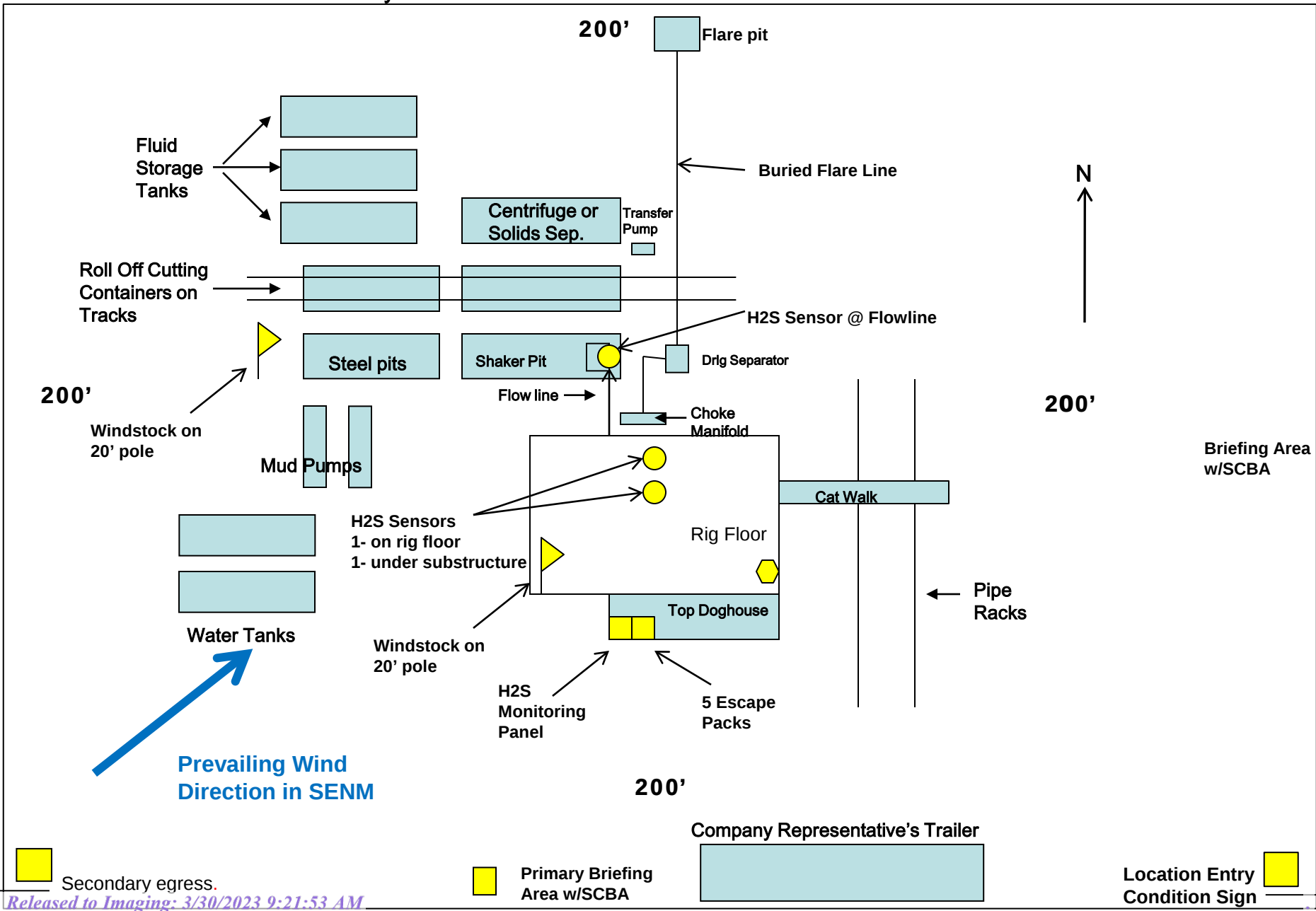
All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

**ZS 122022**

COG Operating LLC  
H<sub>2</sub>S Equipment Schematic  
Terrain: Shinnery sand hills.

Well pad will be 400' x 400'  
with cellar in center of pad



**COG OPERATING LLC**  
**HYDROGEN SULFIDE DRILLING OPERATIONS PLAN**

**1. HYDROGEN SULFIDE TRAINING**

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- a. The hazards and characteristics of hydrogen sulfide (H<sub>2</sub>S).
- b. The proper use and maintenance of personal protective equipment and life support systems.
- c. The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- d. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- a. The effects of H<sub>2</sub>S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- b. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- c. The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500 feet) and weekly H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

**2. H<sub>2</sub>S SAFETY EQUIPMENT AND SYSTEMS**

Note: All H<sub>2</sub>S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H<sub>2</sub>S. If H<sub>2</sub>S greater than 100 ppm is encountered in the gas stream we will shut in and install H<sub>2</sub>S equipment.

- a. Well Control Equipment:
  - Flare line.
  - Choke manifold with remotely operated choke.
  - Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
  - Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head.

- b. Protective equipment for essential personnel:  
Mark II Surviveair 30-minute units located in the dog house and at briefing areas.
- c. H2S detection and monitoring equipment:  
2 - portable H2S monitor positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 ppm are reached.
- d. Visual warning systems:  
Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.
- e. Mud Program:  
The mud program has been designed to minimize the volume of H2S circulated to the surface.
- f. Metallurgy:  
All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.
- g. Communication:  
Company vehicles equipped with cellular telephone.

COG OPERATING LLC has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore, we do not believe that an H2S contingency plan is necessary.

# **W A R N I N G**

**YOU ARE ENTERING AN H<sub>2</sub>S AREA  
AUTHORIZED PERSONNEL ONLY**

- 1. BEARDS OR CONTACT LENSES NOT ALLOWED***
- 2. HARD HATS REQUIRED***
- 3. SMOKING IN DESIGNATED AREAS ONLY***
- 4. BE WIND CONSCIOUS AT ALL TIMES***
- 5. CK WITH COG OPERATING LLC FOREMAN AT MAIN OFFICE***

**COG OPERATING LLC**

**1-575-748-6940**

## **EMERGENCY CALL LIST**

|                          | <b><u>OFFICE</u></b> | <b><u>MOBILE</u></b> |
|--------------------------|----------------------|----------------------|
| COG OPERATING LLC OFFICE | 575-748-6940         |                      |
| Dallas Daley             | 432-818-2329         | 432-631-6977         |

## **EMERGENCY RESPONSE NUMBERS**

|                                                  | <b><u>OFFICE</u></b> |
|--------------------------------------------------|----------------------|
| STATE POLICE                                     | 575-748-9718         |
| EDDY COUNTY SHERIFF                              | 575-746-2701         |
| EMERGENCY MEDICAL SERVICES (AMBULANCE)           | 911 or 575-746-2701  |
| EDDY COUNTY EMERGENCY MANAGEMENT (HARRY BURGESS) | 575-887-9511         |
| STATE EMERGENCY RESPONSE CENTER (SERC)           | 575-476-9620         |
| CARLSBAD POLICE DEPARTMENT                       | 575-885-2111         |
| CARLSBAD FIRE DEPARTMENT                         | 575-885-3125         |
| NEW MEXICO OIL CONSERVATION DIVISION             | 575-748-1283         |
| INDIAN FIRE & SAFETY                             | 800-530-8693         |
| HALLIBURTON SERVICES                             | 800-844-8451         |

**District I**

1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 200282

**CONDITIONS**

|                                                                           |                                                                       |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137                                                      |
|                                                                           | Action Number:<br>200282                                              |
|                                                                           | Action Type:<br>[C-101] BLM - Federal/Indian Land Lease (Form 3160-3) |

**CONDITIONS**

| Created By | Condition                                                                                                                                                                                                                                                            | Condition Date |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| kpickford  | Will require a administrative order for non-standard location prior to placing the well on production                                                                                                                                                                | 3/24/2023      |
| kpickford  | Notify OCD 24 hours prior to casing & cement                                                                                                                                                                                                                         | 3/24/2023      |
| kpickford  | Will require a File As Drilled C-102 and a Directional Survey with the C-104                                                                                                                                                                                         | 3/24/2023      |
| kpickford  | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string | 3/24/2023      |
| kpickford  | Cement is required to circulate on both surface and intermediate1 strings of casing                                                                                                                                                                                  | 3/24/2023      |
| kpickford  | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system                  | 3/24/2023      |